

# THE BULLETIN

UNIVERSITY OF TORONTO

OCTOBER 12, 2004 • 57TH YEAR • NUMBER 5

## ALL FIRED UP



PASCAL PAQUETTE

Over 2,100 people have passed through the doors of the U of T Art Centre so far to catch a glimpse of the Picasso ceramics exhibition — in its first week the centre reached one-quarter of its average annual attendance. The exhibition, which runs until Jan. 23, is free for all U of T students with valid ID at the door.

## President Lauds Throne Speech Commitment to Research

By Laura Rosen Cohen

THE FEDERAL GOVERNMENT'S commitment to building on its investments in research and innovation included in the Oct. 5 speech from the throne is an encouraging message for Canada's research-intensive universities, said Interim President Frank Iacobucci.

"We applaud the government's clear signal of support for Canada's evolving role as a principal player in the world of

knowledge," said Iacobucci. Among other things, the throne speech highlighted the government's intention to develop policies to foster "key enabling technologies" such as biotechnology, information and communications and advanced materials. "These are all fields in which the University of Toronto has made significant achievements and we greatly value the government's expression of continued support for basic science, technology-based programs and other leading-edge research,"

Iacobucci said.

The government's commitment to investments in science came in a section of the throne speech devoted to economic growth and strength driven by investments in people. "Universities are a prime source of this creativity and innovation, something we feel has been recognized by the government in its past investments and throughout this throne speech," said Professor Carolyn Tuohy,

-See PRESIDENT Page 2-

## Varsity Centre a No-Go

By Jane Stirling

THE UNIVERSITY OF TORONTO will not be proceeding with the proposed Varsity Centre project.

"We are deeply disappointed that we will not be moving forward with this exciting and innovative project," said Jon Dellandrea, vice-president and chief advancement officer. "Unfortunately rising costs forced us to make this fiscally responsible decision."

Since 2000, a plan had evolved to rebuild a facility on the old Varsity Stadium lands at Devonshire Place and Bloor Street. The most recent proposal — a partnership with the federal and provincial governments, Toronto Argonauts and Canadian Soccer Association — included a six-lane running track, regulation-size football and soccer field as well as retail and commercial space.

"The university was excited about the benefits of Varsity Centre but not at any cost," Dellandrea said. "Due to the design complexities related to size and configuration of the project, costs rose from an \$80-million project to one far in excess of \$100 million. In ensuring we were being responsible by investigating all the impacts of the project, we concluded that it could not be managed under a reasonable cost structure."

"We felt that moving ahead with this proposal was not economically responsible and not in keeping with our commitments to our partners. This partnership was premised on an \$80-million project; this is now unrealistic. We saw this facility as positive and contributing to the well-being of the university and community. We were sidelined by the cost."

-See U OF T Page 6-

## Rae Review "Opportunity for Real Change," Tuohy Says

By Steven de Sousa

THE UNIVERSITY OF TORONTO welcomes the discussion paper from the Rae review of post-secondary education in Ontario and is eager to begin consulting the university community for feedback, said Interim President Frank Iacobucci.

"This is a very promising start to what is sure to be a constructive debate on the future of post-secondary education in Ontario. We are very pleased that the government has requested such a comprehensive review of post-secondary education in the province and to appoint Bob Rae — who brings extensive experience and expertise to the table — to lead this critically important initiative," Iacobucci said.

Last June, the province announced the appointment of former premier Bob Rae to work with a seven-member advisory panel in developing a more coordinated post-secondary system with a framework for sustainable funding. The discussion paper, released Oct. 1, comprises a review of past studies and best practices elsewhere with a focus on five key issues: accessibility, quality, system design, funding

and accountability.

"I don't think we can afford to be romancing mediocrity much longer in this province," Rae said at a news conference launching the paper. "It's not that the system is falling apart but we're not doing as well as we could."

Rae described the system as "on the edge of the choice between steady decline and great improvement." Among other issues, he highlighted the need for increased funding, noting that government transfers to post-secondary institutions in Ontario have fallen

-See RAE REVIEW Page 6-

### INSIDE FOR FOODIES ONLY

U of T chef joins culinary Olympic team. Page 5

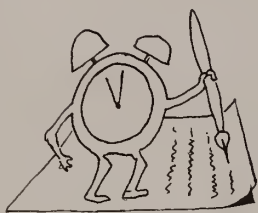


### MUSIC TO THE EARS

Academic couple uses their expertise to produce CDs for small children. Page 7



## IN BRIEF



### COLLECTIVE AGREEMENT APPROVED FOR CUPE, LOCAL 2484

BUSINESS BOARD GAVE APPROVAL OCT. 6 TO THE FIRST COLLECTIVE AGREEMENT between U of T and CUPE 2484, a two-year contract. The bargaining unit represents 35 daycare workers at two sites — the Early Learning Centre and OISE/UT — following the merger of three daycare centres in July 2003. At that time, daycare staff became U of T employees. "Our goal was to bring them in line with other U of T agreements and I think we succeeded," said Professor Angela Hildyard, vice-president (human resources and equity). "Their salary increases — two per cent effective Jan. 1, 2004, and three per cent effective July 1, 2004 — are in line with the budget model."

### EMERGENCY CHILDCARE PROGRAM LAUNCHED FOR STAFF, FACULTY

U OF T AND KIDS + COMPANY HAVE LAUNCHED AN EMERGENCY CHILDCARE program for faculty and staff with children under 12. When regular childcare arrangements fall through, staff and faculty registered with the program can drop their children off on short notice at any of the facilities run by the company in Toronto. Parents can reserve space for the entire day or part of the day from Monday to Friday. Participants pay an annual fee of \$250 per child and are entitled to 20 emergency drop-offs over a 12-month period starting in November. Parents must register by Oct. 29 to access the service and can pick up registration forms at information sessions held by the university on all three campuses. Visit [www.news.utoronto.ca/bin6/041005-517.asp](http://www.news.utoronto.ca/bin6/041005-517.asp) for dates and times.

### FUNDING APPROVED TO FINISH CCBR

AN ADDITIONAL \$9 MILLION IN FUNDING FOR THE NEW TERRENCE DONNELLY Centre for Cellular and Biomolecular Research received approval from Business Board Oct. 6. The centre, a cutting-edge joint venture between the faculties of medicine, pharmacy and applied science and engineering, is scheduled to open in 2005. In 2001, the university approved \$85.1 million towards the estimated \$105-million project with the understanding that some of the interior floors would not be completed. However, said Professor Ron Venter, vice-provost (space and facilities planning), thanks to Terrence Donnelly's significant donation towards the building as well as "good planning, good implementation and some luck with respect to construction pricing in recent years," the completed construction project will cost \$8.4 million less than originally estimated. Of the additional funds approved, only about \$5.1 million in borrowing will be required.

## THE BULLETIN

UNIVERSITY OF TORONTO

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"The Bulletin shall be a University-wide newspaper for faculty and staff with a dual mandate:

1. To convey information accurately on the official University position on important matters as reflected in decisions and statements by the Governing Council and the administration.
2. It shall also publish campus news, letters and responsible opinion and report on events or issues at the University thoroughly and from all sides."

As approved by Governing Council, Feb. 3, 1988

## AWARDS & HONOURS

### FACULTY OF APPLIED SCIENCE & ENGINEERING

PROFESSOR PARHAM AARABI OF ELECTRICAL AND COMPUTER engineering is the winner of the first-ever Mac Van Valdenburg Early Career Teaching Award, created by the Education Society of the Institute of Electrical & Electronics Engineers to recognize members of the society who have made outstanding contributions to teaching unusually early in their professional careers. The award will be presented Oct. 23 at the annual Frontiers in Education conference to be held in Savannah, Georgia.

### FACULTY OF ARTS & SCIENCE

PROFESSOR LARRY BOURNE OF GEOGRAPHY AND THE Centre for Urban & Community Studies has been selected to receive the prestigious 2004 Massey Medal for outstanding achievement in Canadian geography. Established in 1959 by the Massey Foundation to recognize outstanding personal achievement in the exploration, development or description of the geography of Canada, the award is administered by the Royal Canadian Geographical Society. Cited as Canada's premier urban geographer, Bourne will receive the medal this fall. The award will be presented by Governor General Adrienne Clarkson at Rideau Hall.

PROFESSOR BARRY WELLMAN OF SOCIOLOGY AND THE Centre for Urban & Community Studies is the 2004 winner of the Lifetime Achievement Award of the communication and information technologies section of the American Sociological Association. Wellman was honoured for the 25 years he has pioneered, promoted, led, expanded and defined a great deal of the social research on the impact of communications and information technologies on social networks and community life. Wellman received the award at the association's annual meeting Aug. 14 to 17 in San Francisco.

### FACULTY OF MEDICINE

PROFESSOR GLEN BANDIERA OF MEDICINE IS ONE OF TWO fellows to share the first Royal College of Physicians & Surgeons of Canada/Associate Medical Services Donald Richards Wilson Award, given annually to a medical educator or an identified leader of a team, program or department who has demonstrated excellence in integrating the CanMEDS roles into a Royal College training program. Bandiera was selected for successfully incorporating the Can MEDS educational framework into the college training program in emergency medicine at U of T; he received the award at the college's convocation ceremony Oct. 1 as part of the annual conference in Ottawa.

UNIVERSITY PROFESSOR TIRONE DAVID OF SURGERY IS the recipient of the National Marfan Foundation's 2004 Antoine Marfan Award, given in recognition of his outstanding achievements in the field of Marfan syndrome and related cardiovascular, aortic valve and thoracic aortic surgery. Marfan syndrome is a heritable condition that affects the connective tissue and afflicts men, women and children among people of all races and ethnic backgrounds. David received the award at the foundation's annual conference in Los Angeles in July.

PROFESSOR DAVE DAVIS OF HEALTH POLICY, MANAGEMENT and evaluation was inducted as an honorary fellow of the Royal Colleges of Physicians & Surgeons of Canada at the college's convocation ceremony Oct. 1 as part of its annual conference in Ottawa. The Royal College is an organization of medical specialists dedicated to ensuring the highest standards and quality of health care and its council may select and admit as honorary fellows such distinguished physicians, surgeons and other persons as it deems fit.

PROFESSOR CHAIM ROIFMAN OF PEDIATRICS RECEIVED the 2004 Henry Friesen Award, sponsored by the Canadian Society for Clinical Investigation and the Royal College of Physicians & Surgeons of Canada, during the joint annual meeting Oct. 1. The award honours a distinguished Canadian scientist, actively involved in research at a Canadian university, who has demonstrated leadership in developing biomedical research at the local, national and international levels and whose body of work is of significant duration to be proven longitudinally.

PROFESSOR MURRAY UROWITZ OF MEDICINE IS THE WINNER of the Royal College of Physicians & Surgeons of Canada 2004 Duncan Graham Award, given annually to any individual, whether a physician or not, in recognition of outstanding lifelong contribution to medical education. The award, established in 1969 in honour of Dr. Duncan Graham who served as chair of medicine at U of T from 1919 to 1947, will be presented at the college's convocation ceremony Oct. 1 during its annual conference in Ottawa.

PROFESSOR EMERITUS PAUL WALFISH OF MEDICINE HAS been selected by the American Thyroid Association to receive the 2004 Paul Star Award, given in recognition of outstanding contributions to clinical thyroidology. The award will be presented to Walfish, the first Canadian to receive the prize, Oct. 1 during the association's annual meeting in Vancouver.

### U OF T AT SCARBOROUGH

PROFESSOR ANDRE SORENSEN OF GEOGRAPHY IS THE winner of the 2004 International Planning History Society book prize for the most innovative book in planning history written in English and based on original new research for *The Making of Urban Japan: Cities and Planning From Edo to the 21st Century*. The biennial prize, established in 2000 and first awarded in 2002, was presented July 17 during the society's biennial conference in Barcelona. Recognizing the internationalism of the society, two prizes were awarded this year, the other for the best book addressing Spanish and/or Latin American planning history written in Spanish or English.



## President Lauds Throne Speech

-Continued From Page 1-  
vice-president (government and institutional relations).

Tuohy also said the university is very pleased by the government's recognition of the need to increase access to post-secondary education, particularly among lower income families.

"Like the government, U of T recognizes that educational aspi-

rations are universal," she said. "The government's commitment to implement the 'learning bond' to help low-income families provide for post-secondary education is a positive step in this direction and complements U of T's own commitment to needs-based student aid."

The throne speech also identified building "a prosperous and

sustainable 21st century economy," strengthening "the country's social foundations" and securing "a place of pride and influence in the world" as the foundations for the government's agenda in this session of Parliament.

"These are all areas in which the University of Toronto has significant contributions to make," said Iacobucci.



# Nursing Dean Steps Down

By Jessica Whiteside

PROFESSOR DYANNE AFFONSO WILL be stepping down as dean of the Faculty of Nursing to concentrate on her research interests in patient safety.

"Dean Affonso has been actively engaged in a number of national and international research initiatives relating to patient safety and has decided to devote her full attention to these critically important research issues," said Provost Vivek Goel. "I respect her decision to focus on this critical area of healthcare research and I thank her for the contributions she has made while in the dean's office. I wish her success in her continuing research endeavours."

Under Affonso's tenure, the faculty has attained national accreditation for the second-entry baccalaureate program; seen significant increases in enrolment at the undergraduate and graduate levels; attracted a number of highly qualified young scholars; and appointed several outstanding chairs. In addition, research funding in the nursing faculty increased by 40 per cent and the faculty's collaborative research with interdisciplinary teams across the university reached an all-time high.

"Dean Affonso played a highly active role on the Council of Health Science-Social Work Deans and her finesse in building collaborative partnerships has been commended by diverse constituents, including government and healthcare leaders," said Goel. He singled out the key role Affonso played in bringing together diverse constituents of the healthcare community at a symposium on patient safety and error in health care hosted by U of T's patient safety research cluster earlier this year.

After she steps down as dean Oct. 31, Affonso will remain with the faculty as a professor of nursing. She joined U of T in 2001 after a distinguished career in nursing education and research in the United States which included service as dean of Emory University's School of Nursing.

An interim dean will be named shortly following consultation with nursing faculty, staff and students, said Goel.

"The interim dean will work closely with the faculty's senior administrative team to implement the new Stepping Up academic plan developed under Dean Affonso's tenure which provides exciting direction for the future of the Faculty of Nursing," he said.

# Greenhouse Transplant Complete

By Mary Alice Thring

SIX CITY BLOCKS AND \$1.035 million — that's what it took to resurrect U of T's old botany greenhouses at Allan Gardens. In the process they were catalogued and disassembled — and each piece was carefully inspected before being sandblasted, sanded, painted and then reassembled under strict heritage conservation guidelines. With additional financial support from the TD Bank, they will be officially opened as the Allan Garden Children's Conservatory on Wednesday, Oct. 13, at 10 a.m.

Randy McCall, one of U of T's project managers who oversaw the work, said there was "a lot of goodwill" and co-operation on the project. "We don't build these things every day and it's clear the whole team bought into it. Everyone is proud to see it completed," said McCall, who is also project manager for the Leslie L. Dan Pharmacy Building, currently under construction on the site formerly occupied by the greenhouses.

When botany's greenhouses were opened at the corner of Queen's Park and College Street in 1932, they were part of the largest botanical research facility in Canada. For 70 years they were

the focal point of botany teaching and research at U of T and held a collection of over 600 plants. Although they became obsolete for contemporary research purposes, they were listed as a heritage property by Toronto City Council in 2003. To pave the way for the new pharmacy building, U of T entered into an agreement to donate the greenhouses to the city.

"The preservation and relocation of the University of Toronto's elegant greenhouse to Allan Gardens is both intelligent and rewarding," said Professor Larry Richards of architecture, landscape and design and a member of the board of Heritage Ontario. "As downtown Toronto continues to densify and intensify, intimate places — beautiful little refuges amidst the speeding 21st-century — will be crucial to our well-being."

The \$1.5-million conservatory will provide hands-on learning experiences about plants and ecology for the city's children. "What a thrill it is to see the old botany conservatory reassembled from the ground up," said Bruce Hall, U of T's chief horticulturist, who has spent over 10 years looking after the university's plant collection. "One of the things that's really satisfying is its role as a teaching conservatory — it's really neat to see that role continue."

# SINGING COWBOYS

Blue Rodeo's musical legacy to play on at U of T

By SUE TOYE



COURTESY OF BLUE RODEO

JIM CUDDY CAN CREDIT THE FIRST NOTES OF HIS musical career, in part, to Roy Rogers. At 10 years old, Cuddy was fascinated with the television character that would "shoot all the bad guys and ride off singing Happy Trails to You" in the popular 1950s television show. "I was smitten with cowboys and the whole notion about being a singing cowboy," recalls Cuddy, one of the lead vocalists for Blue Rodeo.

The Canadian band, formed in 1984 by Cuddy and high school friend Greg Keelor, has left an indelible mark on the international arts scene with their own brand of "singing cowboy" music. And thanks to a gift of the band's archives, valued at \$800,000, U of T can preserve their music and history for a lifetime.

"Now all of those boxes that were sitting in my basement and all of those tapes and pictures have a home," says Cuddy, a self-described "avid collector" of the band's history. "We thought it was a great opportunity. The fact that someone was interested in it, that it becomes a part of the cultural history of the city is very significant to us."

The donation contains unreleased soundtracks, thousands of photographs, video footage from concerts and awards shows as well as personal memorabilia. There is even material from the Hi-Fi's — a band fronted by Cuddy and Keelor in the late 1970s before Blue Rodeo was formed. The collection will be permanently housed in a temperature-controlled preservation facility in the new Woodsworth College

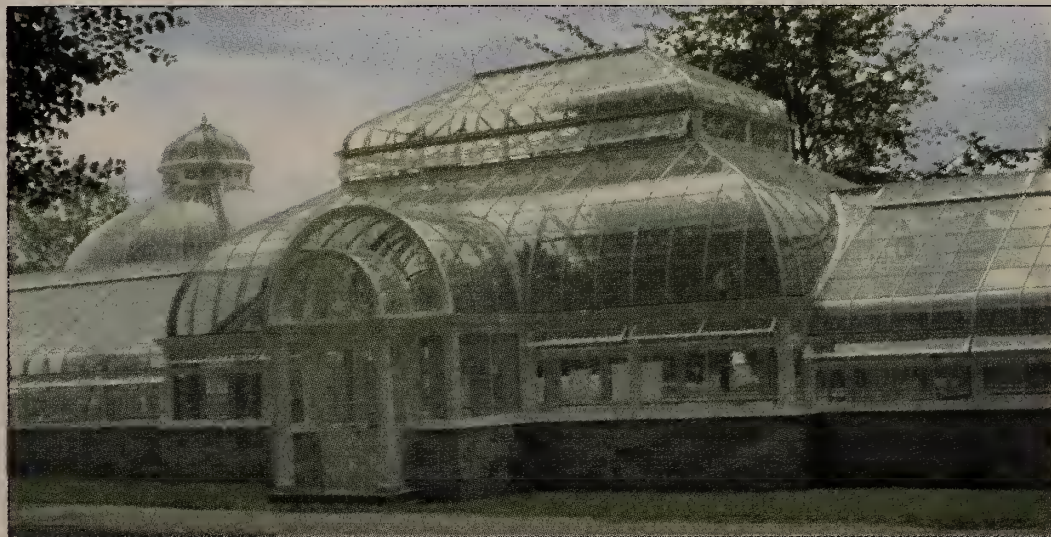
residence building at the end of October.

One of the most memorable pieces of the collection for Cuddy is a scrapbook of the band's first European tour in 1988. "We were so innocent. We knew we were getting this opportunity and we really didn't understand music as a career back then," he says. "We just thought of it as a lark."

The band's musical career, however, was more than just a lark — Blue Rodeo has sold more than 3.5 million records worldwide. Since its debut album *Outskirts* in 1987, the band has released eight other studio albums and a greatest hits collection and won seven Junos awards.

The Blue Rodeo archive is the first musical addition to the annals of broadcast media that U of T Libraries' Media Commons has acquired over the years, including material from author and broadcaster Patrick Watson and media company Alliance Atlantis. This past summer the department acquired a collection of advertising campaigns dating back to the 1970s from advertising legends Syd Kessler and Jody Colero.

Brock Silversides, head of the Media Commons, believes the Blue-Rodeo archives will deepen the university community's understanding of popular culture and media. "I think the university is opening itself up to popular culture — not just to music but to broadcasting, film/video production and other forms," Silversides says. "The presence of Blue Rodeo will, I hope, open some eyes within the academic community to a different type of culture."



PASCAL PAQUETTE

The greenhouse at its new location at the north end of Allan Gardens.



## HART HOUSE WEEKLY EVENTS

UNIVERSITY OF TORONTO

**Wednesday, October 13 - 3rd Annual Trivia Challenge Night.** Fun and prizes for gold, silver and bronze teams! Meet with alumni, graduate and undergraduate students and friends. Teams of four will be assigned at reception. Refreshments, hot & cold hors d'oeuvres and dessert table. 6 pm reception 7 pm the games begin. Tickets: \$15 alumni; \$10 U of T students. Tickets at the Hall Porter's Desk 416. 978.2452.

**Friday, October 15**

**Jazz at Oscars,** 9pm in the Arbor Room. Free. Licensed. No cover.

**Saturday, October 16**

**Cider 'n' Song** at Hart House Farm. See ad this issue.

**Monday, October 18**

**Amateur Radio Club General Meeting,** guest speaker, AMSAT past President, Robin Haighton, speaking on "Amateur Radio Satellites", 6-9pm, Room 1200, Bahan Centre. Free. All welcome.

**Wednesday, October 20**

**Dinner Series with Donald Ziraldo,** President and co-founder of Inniskillan Wines speaks on "Preserving Ontario's Green Space", 6pm reception for 6:30pm dinner. Members & Guests: \$45; U of T students \$25. Tickets at Membership Services Office 416.978.4732  
**Film Board Lecture Series,** 7pm. Free. All welcome.

**Friday, October 22**

**Jazz at Oscars,** 9pm in the Arbor Room. Free. Licensed. No cover.

**Sunday, October 24**

**Sunday Concert,** 3pm in the Great Hall. Free. All welcome.

ART 416.978.8398 [www.utoronto.ca/gallery](http://www.utoronto.ca/gallery)

**The Justina M. Barnicke Gallery – Suzy Lake:** "Chrysalis", photographs. Opens Oct. 7 with artist present 5-7pm. Runs to Nov. 4.

**The Arbor Room – Jacqueline Phia Chu:** "Past, Present & Future", drawings. Opens Mon. Oct. 4.

**ATHLETICS 416.978.2447** [www.harthouse.utoronto.ca](http://www.harthouse.utoronto.ca)

Pick up entry forms at Hart House for the **Coventry Cup Squash Tournament** to be held Oct. 22 & 23. All levels welcome.

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## IN MEMORIAM

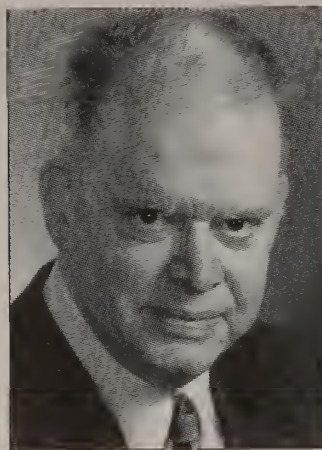
# Payzant Was Organist, Teacher, Writer

PROFESSOR EMERITUS GEOFFREY Payzant of philosophy, founding registrar of Innis College, died Aug. 31 after a seven-year bout with prostate cancer. He was 78 years old.

Born in Halifax, Payzant was awarded a licentiate of the Royal Schools of Music - London (LRSM) diploma in 1947 and received his bachelor's degree from Dalhousie University in 1948. On the advice of his music teachers he applied to U of T to study esthetics, receiving his MA in 1950. He continued as a doctoral student but grew discouraged when the last member of the faculty with an interest in esthetics left in 1951. He accepted an appointment as a lecturer at Mount Allison University in 1952, teaching music, English and philosophy. A year later he was promoted to assistant professor. In 1957 he was enticed to return to U of T as a lecturer and to resume his studies, completing his PhD in 1960. He achieved the rank of professor in 1979.

An accomplished musician, Payzant was organist at the Sackville, N.B., United Church while at Mount Allison and as a graduate student he supported himself in part by playing the organ at churches. In the 1970s he rebuilt the barrel organ on display at Ontario's Sharon Temple and Museum. From 1956 to 1962

he served as editor of *The Canadian Journal of Music* and his early publications dealt with various aspects of music. His first book, *Glenn Gould: Music and Mind* (1978), is considered a



rarity among treatments of performers as it focused on Gould's esthetics and is still widely cited. In 1980 Payzant's research interests shifted to the writings of the pioneer of musical esthetics, Eduard Hanslick (1825-1904). He published a new English translation of Hanslick's philosophical classic *Vom Musiklisch-Schön* (*On the Musically Beautiful*) in 1986, followed by *Eduard Hanslick and Ritter Berlioz in Prague* and *Hanslick on the Musically Beautiful: Sixteen Lectures on the Musical Aesthetics of Eduard Hanslick*.

In the middle of his career in the department, Payzant was afflicted with tinnitus, a ringing in the ears not caused by an external stimulus. "He told me that it was like hearing 30 telephones ringing constantly and simultaneously," said Professor Emeritus John Slater, a close friend and colleague. "It was a dreadful affliction for a musician." In 1985 he applied for and was granted long-term disability leave; he formally retired in 1991, the same year he received an honorary degree from Mount Allison.

At his retirement party, Slater recalled, Payzant read a story about his first teacher in philosophy, George Grant, and the disaster that befell him when he accepted an appointment at York University and then resigned when he learned he had to teach the Toronto curriculum. Payzant then turned to his own career and his tardiness in gaining academic recognition. "But I had better luck with the institutions I served than he with his," he said. "Our department has been remarkably tolerant in providing a workplace for a practitioner of so obscure and 'soft' a subspecialty. I shall never cease to be grateful for this."

"As his nurse said to me when I went to the hospital the day after he died expecting to visit him, 'He was a real gentleman.' Indeed, he was," Slater said.

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# Celebrating McLuhan

By Mary Alice Thring

U OF T IS JOINING CELEBRATIONS of one of the most influential thinkers of the 20th century in the McLuhan International Festival of the Future, which runs from Oct. 9 to 17. The 10-day festival features events, seminars and exhibitions across the GTA dedicated to Marshall McLuhan's interpretations of culture, technology and media.

"Marshall McLuhan once said that education should be about helping youth to understand and adapt to their revolutionary new environments," said Richard Alway, president of the University of St. Michael's College (USMC) where McLuhan commenced his 30-year teaching career in 1946. "The McLuhan festival will extend the discussion of 'new environments' beyond the classroom and into the public in new and exciting ways."

U of T is home to the McLuhan program in culture and technology, still housed at the historic Coach House that was McLuhan's base. "McLuhan helped us pay attention to the invisible media environment," said Professor Liss Jeffrey, director of the McLuhan Global Research Network, which is hosting a series of brown-bag lunch discussions and late-night salons at the Coach House. They are also behind that mysterious invitation you may get on your cellphone or Blackberry to join a flash mob on Oct. 14.

"A flash mob is a way of going out and making the invisible media environment visible," Jeffrey said. Participants are

encouraged to pick from each of the 26 chapters in McLuhan's influential tome *Understanding Media* and spontaneously explore public space. For instance, an instigator may choose the chapter on television and select a time to assemble in front of a local network, getting the word out as widely as possible using new messaging technologies. Once the mob has assembled, they may spend up to five minutes doing something fun before dispersing — on to the next chapter and flash mob scene. Participants and observers will share insights at a panel discussion co-sponsored by U of T's Knowledge Media Design Institute.

"It is fun to consider McLuhan celebrated in a fluid (flash mob) and fixed (classroom interactive panel) manner. So we are putting his insights into action, in the city as classroom and also in a classroom-based panel," Jeffrey said.

Coinciding with the festival, master's students in the urban design program at the Faculty of Architecture, Landscape, and Design have been studying McLuhan in the City, an elective course taught by adjunct architect Guela Solow. An interdisciplinary group of students of design, graphics, film and art will participate in a two-day design exercise, exploring the city and offering visions for the future. Their results will be the focus of a panel discussion at the faculty Oct. 15.

Events on the U of T campus are free. For the full festival lineup, visit [www.mcluhanfestival.com](http://www.mcluhanfestival.com).

## Trials Under Fire

By Elaine Smith

CLINICAL TRIALS SHOULD PROVIDE Clinicians with the comprehensive information essential to making good decisions about whether to use a drug or a procedure, says a U of T researcher.

In a study published recently in the *Canadian Medical Association Journal*, Dr. An-Wen Chan, a U of T rheumatology resident with the University Health Network, and his co-authors determined that even in government-funded trials that are rigorously reviewed, outcome reporting bias is present.

The researchers compared the original protocols for randomized clinical trials approved by the Canadian Institutes of Health Research (CIHR) between 1990 and 1998 with the subsequent reports published in journals. For these trials they discovered that 40 per cent of the publications focused on primary research outcomes that were different from the variable the researchers originally set out to analyse.

"We're alerting people to the dangers of taking the trials at face value," Chan said. "Forty per cent of researchers change the primary outcome, the most important variable they want to analyse (when the data do not fit the original hypothesis). This is an ethical and scientific issue. It's misleading to the reader."

Dr. John Hoey, editor of the

*Canadian Medical Association Journal (CMAJ)*, agrees. "Once you change the objective of the trial so it fits with the data, it's no longer a randomized trial, it's a fishing expedition," he told *The Bulletin*. "Outcome creep is much more common than expected in commercially sponsored trials and even — which I thought was astounding — in CIHR trials."

"Editors have a responsibility for determining that clinical trials report on the results of the original hypothesis they were trying to test."

Chan is also concerned that researchers selectively report results, making it difficult for physicians to make good decisions based on what they read.

"The problem is that physicians and health policy-makers have to rely on what's published," said Chan. "That's the only record of what was done in the study, so it's important the written record be as complete as possible."

"Researchers say they'd like to write 6,000 words but they're limited in journals and forced to select results. With the advent of online journals, extra data will help."

Chan's research, both the current study and an earlier one, have helped influence CIHR policy. The funding agency is now requiring trial registration and asking that final study reports be submitted in a standardized format.

## CURIOSITIES



VERONICA DOMA

## OLD GUY ON THE BLOCK

By Michah Rynor

IT'S BEEN MANY A YEAR SINCE THE FOUNDER OF TRINITY COLLEGE, ANGLICAN BISHOP JOHN STRACHAN, PAID A VISIT TO his cherished school, but better late than never. Strachan, who came to Upper Canada from his native Scotland in 1799, became a powerful voice in not only religion and education but politics as well, partly because he had taught many of the politicians of the day. This handsome bust, by Toronto sculptor Adrienne Alison, was realized through Trinity's student capital levy and is one and a half times life size. Located in the sometimes boisterous Trinity quad, his stern visage should keep both young and old in line.

## Chef Joins Culinary Olympics

By Michah Rynor

IT SEEMS THAT DUTCH-BORN JACO Lokker, head chef of the 89 Chestnut student residence, has always been in the kitchen. Not only was he born into a cooking family — his mother and grandmother ran a pastry shop for years — but he began his professional cooking apprenticeship at the tender age of 17.

And even though, 20 years later, he faces the daily challenge of cooking for hundreds of university students, he's decided to add even more stress to his life by once again joining the Canadian Culinary Olympics team where he will serve as behind-the-scenes assistant manager.

This competition is no small potatoes — the Canadian team will send 45 members to Ekefurt, Germany, for the Oct. 17 start. Already television crews from Canada and around the world are staking their territory for a competition that is considered a cultural highlight in Europe.

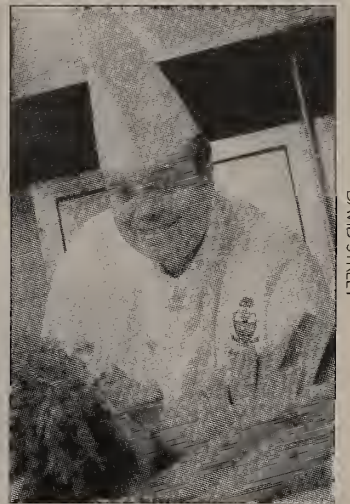
"It's like a hockey match. I'm the guy who makes sure everything and everyone is on the bench before the game and I'm the last guy to leave the bench," he said. "I make sure the team eats, sleeps and has everything they need so it's a lot of running around and problem solving at the last minute. At

the Olympics I usually lose 10 to 15 pounds in a one-week period."

The core cooking team of 17 members will compete with close to 50 other countries with the strongest competition coming from Germany, Sweden, Norway and Denmark. "The French are usually hit and miss," Lokker said, "but the Australians are usually right up there and the Americans are sending a strong team this year."

Each day Lokker's team will join four countries in individual kitchens situated near a huge hotel ballroom where 800 people will be waiting to dine. The first event, the cold plate competition where the judging is based solely on how the food looks, is strictly for the judges. Even though no one actually samples the seductive plates, Lokker and his teammates will go without sleep for two days preparing for this event.

The judges save their sophisticated and demanding palates for the main event — the "hot dish" competition. Here, Lokker's team will prepare a starter of scallop dumpling with butter poached lobster and pan seared birch syrup-infused salmon with cucumber mango salsa and green apple and young seedling salad. Then the main course of three styles of duck — grilled breast, braised leg and truffled foie gras custard served with Yukon gold potato, root



DAVID STREET

Jaco Lokker

vegetable pavé with double smoked bacon along with plum syrup poached baby tomato and seasonal vegetables.

And what's an Olympics without dessert? In this case it will be warm lemon pudding, chocolate lingonberry stout pie and griotte cherry ice cream.

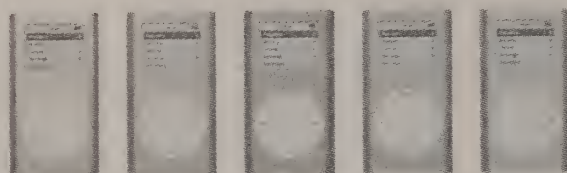
To accomplish all this, Lokker and his team will rise at 6 a.m. on the day of the competition in order to start cooking by noon while the panel of international judges tests and watches all aspects of preparation.

"Our chances for gold are very good," said Lokker, who was part of the first-prize team in 1998. "Canada is always in the top four."



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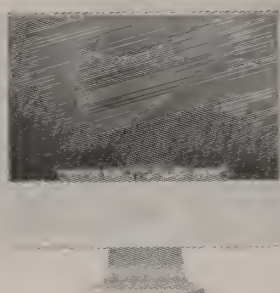
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## U of T Not Proceeding With Varsity Centre

-Continued From Page 1-

The university recognizes and remains committed to the physical and health education needs of the U of T community, Dellandrea said. "We will now need to re-evaluate available options."

Professor Bruce Kidd, dean of the Faculty of Physical Education and Health and co-chair of the project planning committee, said he remains optimistic. "I can assure you that the senior leadership of the university is committed to finding a solution to the longstanding challenge of

revitalized Varsity facilities," he said in correspondence to his faculty. "At a meeting of principals, deans and chairs, there was the strongest support ever for finding another way to achieve our goals. It is my intention to convene a committee meeting as soon as possible to map out the way ahead."

Professor Margaret MacMillan, Trinity's provost, said her college would be happy to collaborate with U of T in discussions for an appropriately sized stadium on the site. In August, the Trinity College Board of Trustees unani-

mously voted to oppose the 25,000-seat proposal.

"Our concerns were those of all internal and external neighbours," MacMillan said. "We were very worried about noise levels, traffic and security and the effect of such a stadium on the academic work of the college. But we aren't opposed to any stadium on the site. We recognize the university needs appropriate sporting facilities for its students and others but it must be a stadium that meets the needs of the university."

## Rae Review "Opportunity for Real Change"

-Continued From Page 1-

behind "compared to their needs, compared to the past, compared to other jurisdictions in Canada and beyond." He also placed high priority on reforms to governmental student assistance programs, which he described as "badly broken."

Professor Carolyn Tuohy, vice-president (government and institutional relations), agrees that the Rae review comes at a critical point. "If we do not recognize and address these serious challenges, we risk short-changing a new generation and jeopardizing the future that depends on its leadership." She welcomed among other things Rae's recognition of the importance of graduate education and research.

"This review lays out in a constructive and thoughtful way the issues that must be addressed if this province is to take its place in the world as a leader in post-secondary education and research," Tuohy said. "This review must make a difference — it is an opportunity for real change that must not be lost."

The university's initial priority will be on consultation. "Our main focus will now be to engage our community in a consultative process in order to make an informed submission to the panel," Tuohy said. "As Mr. Rae undertakes his broad consultations, we are looking forward to the discussion and serious consideration of these issues within our community and across the province."

As part of the consultation process at U of T, Tuohy will be releasing a context paper later this week that will provide more information on the current framework of university education and research in Ontario from a U of T perspective. The document will not suggest options or make recommendations, Tuohy said, but will serve as a companion to the Rae discussion paper as the university prepares its formal submission.

Tuohy is calling on members of the U of T community to have their say through an interactive website ([www.raereview.utoronto.ca](http://www.raereview.utoronto.ca)) where they can voice their

opinions on the state of post-secondary education. That website is scheduled to go live later this week and will take feedback until mid-November. Tuohy's office will also be organizing a U of T town hall meeting on each campus; see [www.utoronto.ca](http://www.utoronto.ca) for more details as they become available.

The Rae panel itself will now travel the province in a series of town hall meetings over the next few months before presenting its final recommendations to the Ontario government in early 2005. U of T's submission to the panel will be considered in outline by Governing Council Nov. 1. The submission is due Nov. 15.

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# Homecoming, Discovery Day Brewing

By Jamie Harrison

FROM THE THREE WITCHES IN Shakespeare's *Macbeth* to J.K. Rowling's *Harry Potter*, we seem fascinated by those who have the power and knowledge to mix the elements of nature into a strange brew and use it for good or evil.

Enter the modern-day maker of lotions, potions and brews — the pharmacist, who can whip up a compound but still have a little fun on the side. Professor Marie Rocchi Dean, manager of the international pharmacy program at the Leslie Dan Faculty of Pharmacy, will be one of six faculty members leading Classes Without Quizzes at this year's Homecoming and Discovery Day celebrations Oct. 16.

Homecoming and Discovery Day are jointly run events that welcome alumni, families, friends and future students to campus to relive old memories, make new ones and explore life at U of T by talking to faculty and current students.

Rocchi Dean's class is an

interactive, hands-on session designed to unleash the inner wizard; her session will show participants how to make their own lotions and potions as well as understand the importance of compounding to the professional pharmacist.

"What I want is for people to come ready to explore the myths and folklore around compounding," Rocchi Dean said. "The art and science of compounding, which has been a mainstay of the pharmacy profession, is really enjoying a renaissance."

That renaissance, she added, has as much to do with popular culture as with a move away from a one-size-fits-all approach to medicines.

Five other U of T top faculty will showcase the best of their research as well in a series of one-hour lectures on the topic of pop culture at Classes Without Quizzes.

As for her session, Rocchi Dean said participants will be provided with lab coats, will weigh and mix ingredients, fill an ointment jar and label the final product — a soothing lavender foot cream.

## Primary Care Makes Inroads in South America

By Elaine Smith

AS A NUMBER OF SOUTH American nations revamp their healthcare systems, U of T staff are on the front lines, helping them to implement primary care programs.

Until recently, primary care wasn't considered an important medical discipline in South America, but that's changing in countries such as Brazil, Chile and Colombia.

"There was a tendency to trivialize it in many countries," said Professor Yves Talbot, director of international programs at family and community medicine. "The evidence is clear that if you have a program, you have a much happier population, a lower cost of health care and better indices of morbidity and mortality."

Talbot and his staff have designed a program that is based on Canadian family medicine principles but focused on a team delivery model. Doctors, nurses, dentists, psychologists and health promoters work together to provide comprehensive care.

The five-module program is taught one module at a time, with six to eight weeks in-between each module for the teams to complete group projects based on local needs.

"They must use data and the best evidence to approach the problem," Talbot said. "Then they compare their findings to current practice."

The students also develop

community- and clinical-based preventive programs aimed at addressing the key problems in their local areas.

The U of T program was first offered in Brazil in 1997, the result of a Toronto visit by a team of Brazilian healthcare professionals looking for expertise. To date, 100 Chilean practitioners and about 3,000 Brazilians have completed the program. Recently, Talbot attended a graduation ceremony for 81 Colombian healthcare professionals, the first class there to take part in the program.

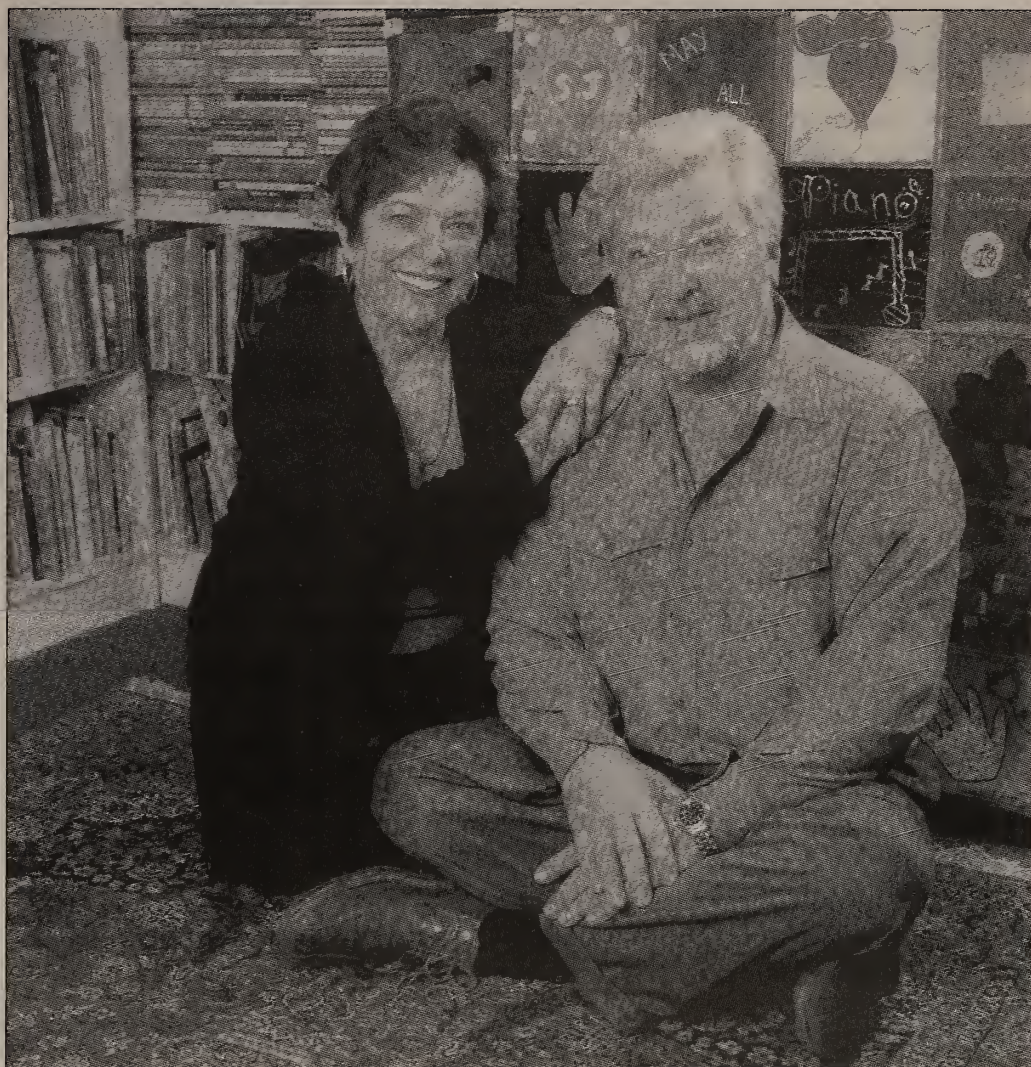
"Our program is giving people a sense of pride about working in primary health care," said Talbot, noting that organizers work closely with the Pan American Health Organization.

The program is run on what Talbot calls "the aquarium model," which places the students in a figurative fishbowl. As they participate in the classes, observers are invited to watch the proceedings.

"We want to introduce universities and healthcare decision-makers to working in public healthcare programs," said Talbot.

The program's final two modules focus on training students to train other health professionals in their communities.

"Our ultimate goal is to be able to build capacity with students, universities and public services," Talbot said. "It's so innovative, interesting and so politically hot that people are willing to pitch in."



Professors Linda Cameron and Lee Bartel

## CHILD'S PLAY

Fun CDs for children infused with academic expertise

By MICHAH RYNOR

PERHAPS THE ONLY REASON THE husband and wife duo of Lee Bartel and Linda Cameron isn't besieged with groupies camping outside their office doors is because most of their fans are too young to walk.

Bartel, a professor of music education at the Faculty of Music, and Cameron, an early childhood specialist at OISE/UT, have found a meaningful commercial application for their academic expertise as consultants and producers of music for kids.

Stating that their music is for kids "from birth to 99," Bartel says the transition from the classroom to the studio isn't that big a stretch.

Aimed at two basic groups — newborn to age three and age four to five — the team of Bartel/Cameron decided from the beginning that they wanted to introduce something different from the usual music found in stores. "The typical problem with low-end, mass-marketed children's CDs today is that it's usually some guy on a synthesizer with one or more bad voices singing the same unimaginative and tired old kids songs," Bartel says.

Some of what Bartel and Cameron offer is designed to change the body rhythms of the child such as in the case of a cranky baby. By using lush, beautifully composed lullaby-like tunes and then introducing the actual heartbeat of a mother with a bass guitar line, the babies are comforted.

Other albums do the opposite: getting the children revved up and open to information. For this is music that goes to work affecting the very way a child's brain develops. For example, their *Babbles to Books: first steps to literacy* CD encourages the child to take part in activities like finger plays and bounces and to sing along.

"There is a peek-a-boo song which is a good mental stimulant and a Hands Go Up and Down song which also contributes to brain development," says Bartel, "while our *Baby Classics* CD has Mozart and Schubert-like music for growing minds using short,



frequently repeated bits that are easily perceived by the child."

Bartel believes it is these simple repetitive pieces augmented by a rich, fully orchestrated, high-spectrum sound that works as a neuron developer in young brains.

These CDs help produce an environment where families can show children how to communicate their feelings as well as teaching them how to read a story, Cameron adds.

"I don't think a lot of parents actually know how to engage children in stories and songs."

Twenty albums later — three have gone gold in Canada and three are about to in the U.S. — Cameron and Bartel have proven that there is a market for not only sophisticated, well-thought-out products, but music that works on a deeper level.

"My daughter loves these recordings," says Marilyn Genovese Brown of the Faculty of Music. "Many of the songs are sung by children, so it's as if she's singing along with friends. And one is a recording of songs from around the world and she's learned to sing these songs phonetically — I doubt she knows Japanese yet!"

And it isn't just children who benefit in these projects that feature Cameron and Bartel taking part in some of the singing and narration (as well as family members) to the best of arrangers, composers and performers in the Toronto area, many of whom are U of T alumni and students.

"I can honestly say that of all the people who have used our *Goodnight Sleep Tight* CD and given us feedback, 100 per cent have found it not only effective in helping children sleep but helpful in calming parents as well," Cameron says.

"It may seem like child's play to produce recordings like these, and we do have fun, but it draws on the depth of our academic knowledge and professional expertise to create a defensible and still commercially viable product. In some ways it is more difficult than writing another journal article," says Bartel.

SUSAN KING



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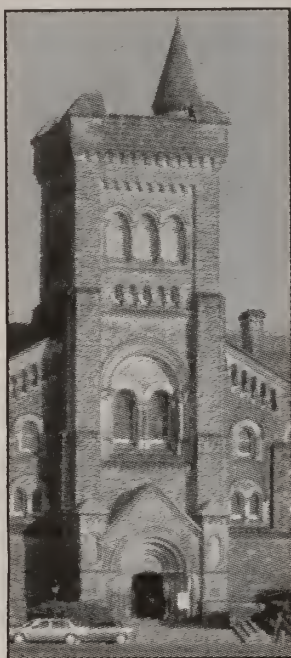
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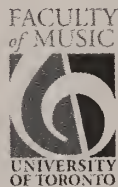
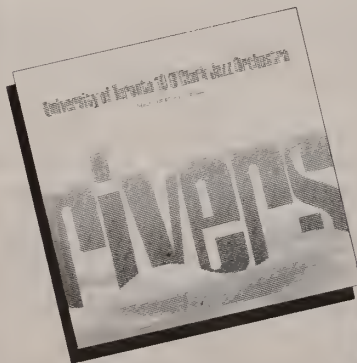


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# UTSC Students Fund, and Run, Their Own Facility

By Mary Alice Thring

STUDENTS AT U OF T AT Scarborough (UTSC) finally have a place to call their own. With the opening of the new UTSC Student Centre Oct. 15, student clubs, activities, counselling and lounge spaces have all been located in a facility designed to the highest standards of environmental sustainability — and the students are not only paying for it, they're running it.

"This building provides the student space that was missing," said Adam Watson, president of the Scarborough Campus Students' Union. "Students are excited because it's not just a building — it's a building run by students for students."

UTSC students voted in 2001 for an annual levy of \$60 per student for the next 30 years to help fund the \$14-million centre. The levy has been met by a 50 per cent matching grant from the provost.



A fundraising campaign by Scotiabank employees has resulted in a \$100,000 donation to create a hub for the 85 recognized student clubs on campus.

Students also had strong input in the design process — and that in itself was an educational process, Watson said. The three-storey, 48,000-square-foot building has been designed to the silver level for the rigorous LEED (Leadership in Energy and Environmental Design) standard. Along with a green roof, water conservation technologies and sustainable materials such as bamboo flooring, a significant portion of its structure comprises structural steel recycled from the Royal Ontario Museum.

With a new TTC stop at the entrance, the facility also houses the Health and Wellness Centre, a piano lounge, multi-faith prayer space, meeting rooms and offices for student associations and media. In addition to new fast

food franchise outlets, there is a 95-seat licensed restaurant managed by the students' union.

"This is one of the first times in Canada and first for U of T that a

student union has been able to negotiate an agreement for a liquor licence," Watson said. "We have already been asked to share our experience with student

groups at other institutions. Students are excited about the opportunities the centre provides. For the first time in 40 years we have a choice."

## Student Role Pivotal in UTM Centre

By Mary Alice Thring

WHEN RUNNERS TALK ABOUT hitting the wall, it's about coming up against a psychological barrier to completing a marathon. Students at U of T at Mississauga are going to break through another kind of wall on Oct. 14, with a celebration to mark construction of a long-awaited recreation and athletic centre.

"The new athletic centre will be vital to student life at UTM in the coming years," said Danial Raza, president of the UTM Athletic Council. "In fact, it is already long overdue." The centre will feature a 25-metre eight-lane pool, double gymnasium with retractable seating for 800, a three-lane running track and fitness centre in a new building connected to existing athletic facilities. Renovations will improve the existing gymnasium, team rooms, sports medicine clinic and administrative space.

Student leaders were invited to meet the architects and give their input on the design of the building, Raza said. "From making sure



the new facility would be environmentally friendly to ensuring separate cardio and weight rooms that could be made visually isolated for women-only programming, students' feedback was taken into great consideration," he said.

The design, by Shore Tilbe Irwin and Partners, has provided an innovative 73,000-square-foot facility that focuses on accessibility, diversity and architectural sustainability. The building features environmentally friendly engineering systems and alternative energy solutions and will accommodate demand when UTM's enrolment swells from its current level of 9,000 students to 11,500 in 2006-07.

UTM students voted in 2003 to begin paying a \$25 levy for the Wellness Centre, with part-time students contributing \$5.15. When the facility opens in 2006, the levy will increase to \$150 per full-time student and \$30 per part-time student, ultimately raising \$16 million towards the cost of the \$24.5-million facility. U of T is providing 50 per cent matching funds, providing \$8 million to augment the student contribution, while the balance will be sought from donors.

"Student life is more than just class, the library and the commute home; this centre will make sure it stays that way," Raza said.

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## MEDITATION ALL WELCOME

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## AT LARGE



### FREE-SPEECH ZONE STRUCK DOWN IN TEXAS

A FEDERAL JUDGE RULED SEPT. 30 THAT THE "FREE-SPEECH ZONE" ESTABLISHED at Texas Tech University was unconstitutional. Under university policy, students wishing to speak publicly had to apply for permission to give the speech inside a 20-foot-wide gazebo that accommodates about 40 people. When law student Jason Roberts applied to give a speech outside of the gazebo suggesting that "homosexuality is a sinful, immoral and unhealthy lifestyle," university officials denied the request. Backed by several civil liberties groups, Roberts sued the university. In response, the U.S. District Court in Lubbock ruled that a public institution could not limit speech to such zones.

### PROPOSED CHANGES TO U.K. UNIVERSITY SCIENCE FUNDING

THE BRITISH SECRETARY OF STATE FOR EDUCATION AND SKILLS HAS PROPOSED changes to the U.K.'s system of university funding for science, in hopes of preserving science teaching in departments that might otherwise close. The changes, which would see new subsidies levied or tuition fees waived, are meant to halt or reverse the decline in the number of students enrolled in British science courses over the last decade. The scientific community has hailed the proposal but reports suggest that university vice-chancellors may see the plans as unwelcome government intervention.

### GETTING FOOTLOOSE

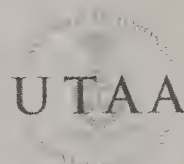
STUDENTS AT CORNERSTONE UNIVERSITY IN GRAND RAPIDS, MICH., ARE getting ready to kick up their heels after the Christian college lifted its six-decade prohibition on social dancing. Cornerstone's governing board announced Sept. 23 that the 63-year ban on "social dancing and attendance at dance clubs" had been dropped following a unanimous vote. The ban had argued that dancing could cause "personal spiritual harm" and students caught breaking the rules faced disciplinary action. Administrators say that a school-sponsored dance could be held later this year but that "indecent, erotic and violent" dance moves will be forbidden.

COMPILED BY NICOLLE WAHL

SOURCES: THE CHRONICLE OF HIGHER EDUCATION, FELIX ONLINE AND  
THE GRAND RAPIDS PRESS



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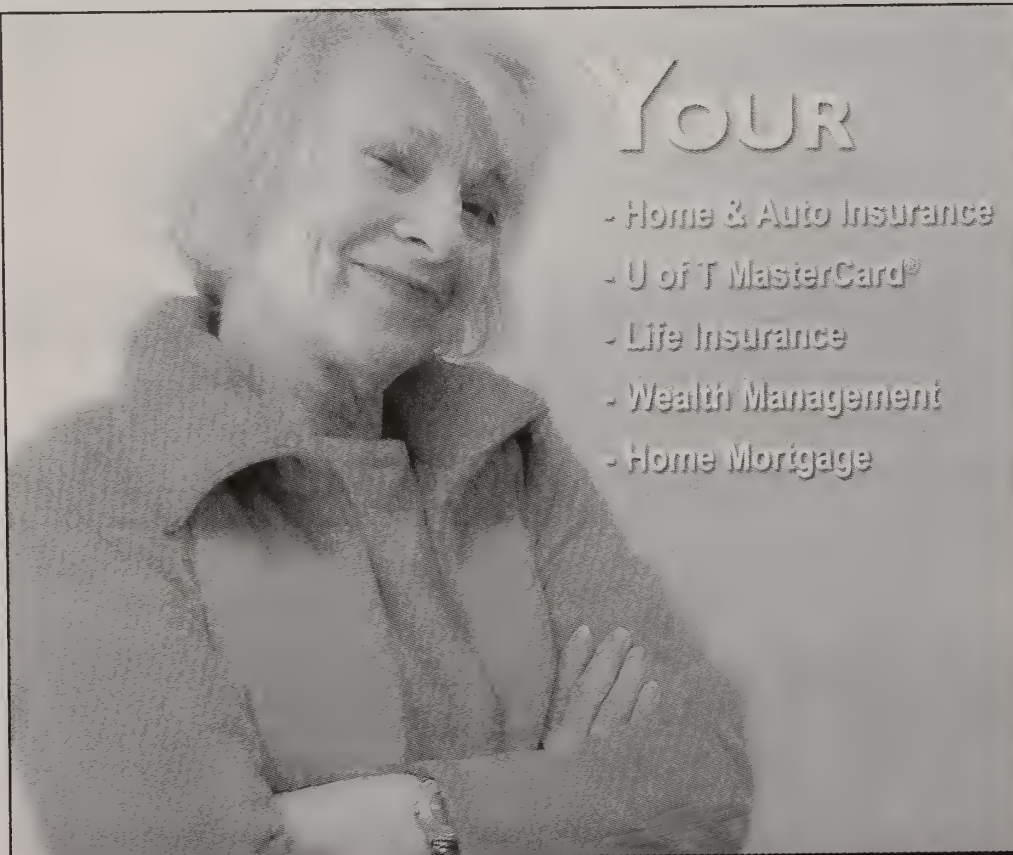
APPLICATION DEADLINE: MONDAY, DECEMBER 6, 2004, 5 P.M.

For further information or application forms, please contact

the Division of University Advancement, J. Robert S. Prichard Alumni House,

21 King's College Circle, 3rd Floor. Tel: (416) 978-6536 or e-mail [linda.wells@utoronto.ca](mailto:linda.wells@utoronto.ca)

Information and application forms are also available at [www.alumni.utoronto.ca](http://www.alumni.utoronto.ca)



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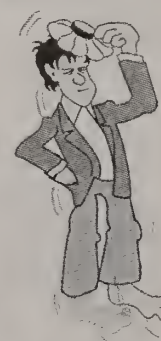
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## PROFILE

# STEPPING INTO THE LIGHT

*Engineer uses nanotechnology to target sick cells*

By NICOLLE WAHL

**I**N PROFESSOR WARREN CHAN'S LABORATORY, NANOSIZED quantum dots light up like multicoloured fireflies when exposed to ultraviolet light. But it's nothing compared with how Chan's face lights up when he talks about his goals for these microscopic particles — making it possible to detect, target and kill cancer cells.

The 30-year-old assistant professor came to the Institute of Biomaterials and Biomedical Engineering three years ago. While completing his post-doctoral work in biomedical engineering at the University of California at San Diego, Chan was working on a project that involved finding the best way to observe how a virus infects a cell. The theory behind it is similar to how biologists track whales — they tag them with some sort of transceiver and monitor the signal.

But in the lab, trying to track viruses proved tricky. Whenever Chan put a tag — such as standard organic dyes — on the surface of a virus, he would lose the signal after three to five seconds. Along with his adviser, he started to examine quantum dots — nanoscale particles of semiconductors — as possible alternatives to the dyes. “Quantum dots were initially thought to be used for electronic circuitry,” he says. “But what we saw in the literature was that these beautiful structures had never been applied to biology.”

Under a light source, the quantum dots glow like neon signs. “Under low-power or medium-power excitation, they can last for over 48 hours without much loss of light,” Chan says. This meant that he could actually track a virus over the course of a biological process. The colour of light they emit can be changed by altering their size, with smaller dots emitting blue, green or yellow light and larger dots

appearing orange, red or brown. “We can basically custom design the properties of the materials for whatever applications we need.”



Still, a major challenge remains. Quantum dots normally have a very oily surface and, like the old saying goes, oil and water don't mix: the dots wouldn't do well inside the water-based cellular environment. Chan is now looking for ways to modify the surface chemistry so that they interact with water-friendly molecules like proteins and DNA.

Chan is now exploring whether these structures can be used to “light up” disease in animals, with future implications in humans. “When cells are diseased, they produce a unique set of proteins on their surface. If you find a

matching molecule [to those proteins], you can take whatever you want to that site,” he says. By attaching a quantum dot to a molecule that will target a specific type of cancer, for example, over time the dots will accumulate in the tumour. “As it accumulates, you see the animal light up in that particular region.”

Still, Chan cautions that there are limitations to light-based technology. “Light can only penetrate so far into the body. You can screen for surface cancers but the deeper the cancer, the harder it is to screen using quantum dots as a technique.” For example, screening for skin, breast or prostate cancer might be possible but the technology might not work for lung or colon cancer.

Chan also wants to determine where these nanostructures end up in the body and whether they are toxic. The quantum dots are made of potentially toxic heavy metals which, because of their size, can find their way into body structures that other materials can't.

“Nanotechnology has the potential to have many applications like contrast agents, biosensors and new diagnostic schemes,” says Chan. “But you have to think about the other side of it — how does your body deal with these materials because we're going to be exposed to them on a more com-

mon basis. Right now, there is a need to handle these things carefully because we don't understand the after-effects.”

Chan hopes that his current goal — to develop quantum dots that can target a disease site and light it up — can someday lead to an integrated system that will also use the quantum dots to bring drug therapies to the disease site. Beyond cancer, he is also exploring whether the dots could be used to detect pathogens such as malaria and HIV and he estimates that his quantum dots could be lighting up human disease within five to 10 years.

SUSAN KING

2004



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University of Toronto



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University of Toronto DAYS**

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**The University of Toronto at Mississauga Discovery Day,  
October 24, University of Toronto at Scarborough,  
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**For Homecoming information visit [homecoming.utoronto.ca](http://homecoming.utoronto.ca)  
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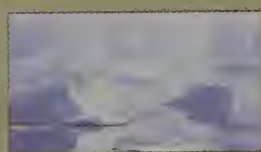
# EXPLORE

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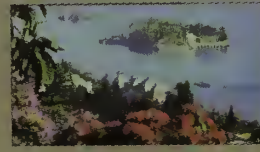
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May 22 - 30  
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Italy's Lake District  
\$4045



February 12 - 20  
Amazon River  
Journey (Peru)  
from \$4950 + air



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Village Life -  
Dalmatian Coast  
(Italy & Croatia)  
from \$4290 + air



October 11 - 19  
Island Life -  
Greek Isles  
from \$4921 + air



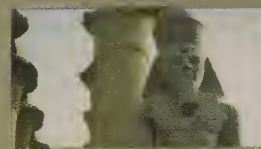
February 23 - March 3  
Baja & Sea of Cortez  
(Mexico)  
from \$3205 + air



June 9 - 23  
Blue Danube  
(Romania to  
Germany)  
from \$4195 + air



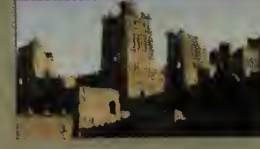
October 20 - 29  
Alumni College Aboard -  
Saxony (Germany &  
Czech Republic)  
from \$3355 + air



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Legends of the Nile  
(Egypt)  
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June 12 - 24  
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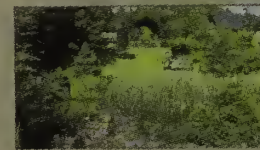
June 17 - 25  
Alumni College  
Aboard - Waterways  
of France  
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April 15 - 23  
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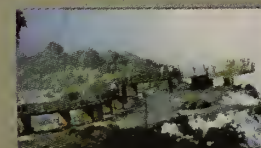
March 20 - April 7  
The Last Shangri-La  
(Yunnan & Bhutan)  
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June 26 - July 4  
Alumni College in  
Yorkshire (England)  
\$4195



October 7 - 15  
Rome (Italy)  
\$3400



March 21 - April 3  
Treasuries of  
South America  
(Chile & Argentina)  
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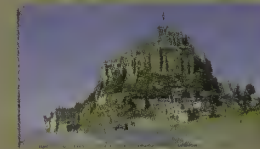
August 11 - 24  
Journey of the Czars  
(Russia)  
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### GREAT ADVENTURE



April 15 - 23  
Alumni College  
Aboard - Holland &  
Belgium  
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Alumni College in  
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\$3995



October 30 - November 13  
Thailand Adventure  
\$4590

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| <input type="checkbox"/> Amazon River                   | <input type="checkbox"/> ACA - Yorkshire             |
| <input type="checkbox"/> Baja & Sea of Cortez           | <input type="checkbox"/> Journey of the Czars        |
| <input type="checkbox"/> Legends of the Nile            | <input type="checkbox"/> ACA - Normandy              |
| <input type="checkbox"/> Southeast Asia                 | <input type="checkbox"/> ACA - Italy's Lake District |
| <input type="checkbox"/> The Last Shangri-La            | <input type="checkbox"/> Island Life - Greek Isles   |
| <input type="checkbox"/> Treasures of South America     | <input type="checkbox"/> ACA - Saxony                |
| <input type="checkbox"/> ACA - Holland & Belgium        | <input type="checkbox"/> Exotic Morocco              |
| <input type="checkbox"/> ACA - Chianti                  | <input type="checkbox"/> Vienna                      |
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| <input type="checkbox"/> Norwegian Fjords & Baltic Sea  |  |



# University of Toronto

## United Way CAMPAIGN 2004-2005

*University of Toronto has a proud record of giving to United Way. We rank among the top 10 most generous organizations to support the community through United Way and are well ahead of other educational institutions. Let's build on this great tradition!*

**2004-2005 Campaign Objectives:**  
**25% overall participation rate**  
**Goal \$825,000**

**2003-2004 Campaign:**  
**18% overall participation rate**  
**Raised: \$810,000**

## Letter from Professor Michael Marrus, campaign chair

I want to make the strongest case I can for your support of the United Way. To me, this is simply the reverse side of our own regular appeal at the University of Toronto for support for our own institution. As you all know, the community has responded generously to us. The result for those of us privileged enough to work here, has made our university one of the top institutions of higher education and research in the world.

United Way offers us the opportunity to return the favour. Through it, we can discharge our own communal responsibilities and address the needs of one out of every three Torontonians outside our walls.

If you are one of the thousands of faculty, staff and retirees who, over the years has made U of T one of the ten most generous organizations to support United Way in the GTA, I thank you and ask that you continue that generosity this year.

But this appeal is also directed at those who have not yet made the commitment to support our community through United Way.

Perhaps you did not know how easy it is to give through United Way's payroll deduction plan. A \$5.00 deduction from your monthly salary (\$60.00 per year) provides hot soup, tea and cookies to a group of 30 frail and isolated seniors.

In the time it takes to make your donation to United Way...

- A child will learn to spell a new word at an after-school homework club
- An abused woman will step through a shelter door to safety

- A homeless person will sit down to a hot meal at a drop-in centre
- A senior will dial 211 to learn about homecare services, so she can remain

living in her own home.


Perhaps you do not realize that donations can be directed through United Way to specific programs such as United Way's Success by 6 which help Toronto's most at-risk children.

Perhaps some do not realize the high standard to which each United Way agency is held to justify expenditure of your precious dollars and to ensure that each agency is both effective and efficient.

As Chairman of this year's University of Toronto United Way Campaign, I ask each of you to support our effort. Your gift to United Way is a direct investment in the people who need it most. Through the network of 200 social service agencies, United Way

offers hope to more than one million people every year. Let's show that U of T cares for our community. Your own personal gift is the way to help the most.

Please take a few minutes to read the United Way brochure and then fill in your pledge form and return it — today. Thank you.



Professor Michael Marrus  
Department of History



# TRUE STORIES



**United Way  
of Greater Toronto**  
Without you, there would be no way.

It takes **GREAT WILL** to come back from great misfortune.

It takes the type of **DETERMINATION** profiled in these life stories.

It takes essential services provided by **UNITED WAY**.

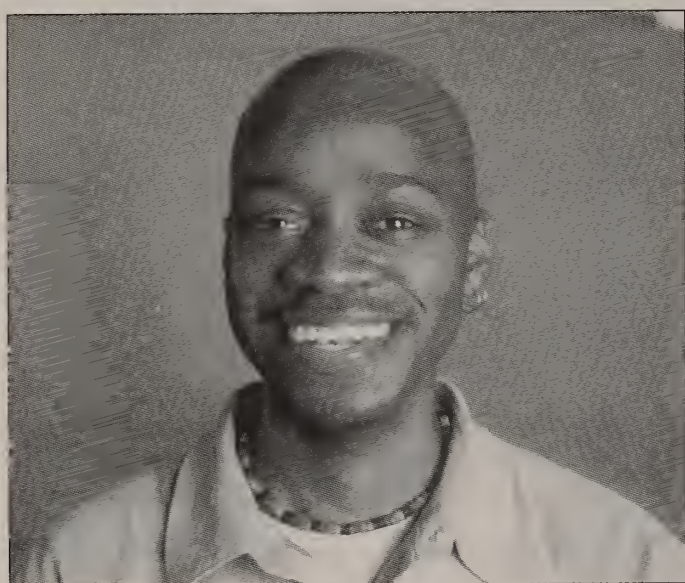
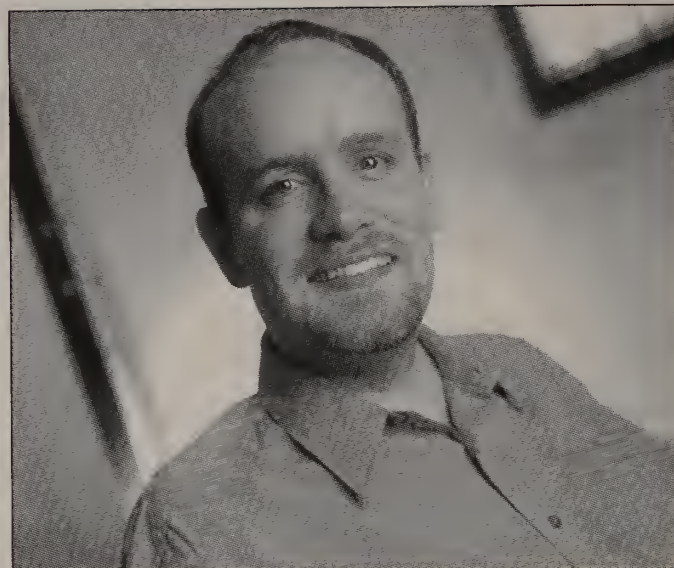
## Brad Smallwood

**W**hen they were children, Brad Smallwood and his sister were diagnosed with muscular dystrophy. Fortunately, Erinoak was there to help.

The United Way agency offered support groups and counselling to his family and taught Brad how to cope with the disease, physically and emotionally.

Today, Brad is a confident, ambitious young man and says, "I don't think I'd be any of the person I am today if it wasn't for United Way." Brad is currently pursuing a university degree, and "gives back" by volunteering at United Way.

Thank you for giving. Your money got to me



## Will and Bobby

**W**ill Symister became Bobby Harnett's mentor when he was 17 and Bobby was eight. They were paired up by Youth Assisting Youth, a United Way agency that matches "at-risk" children with positive older role models.

Over the years, Will played sports with Bobby, helped him with his homework and motivated him to do well in school. Now an adult, Bobby credits Will's influence for keeping him away from drugs and crime. He plans to start his own business someday.

Will says, "Bobby would openly tell anyone that a simple thing like finishing high school was something he wouldn't have done without me being there."

Thank you for giving. Your money got to me.

## Public School Reports Dramatic Results in Grade 3 Test Scores, *thanks to an after-school program at a United Way agency*

**W**hen Emma came to Canada from China only a few years ago, she did not have a strong command of English. But thanks to after-school programs at a United Way agency, Emma, now 10, has blossomed.

Braeburn Neighbourhood Place and its after-school program are funded by United Way of Greater Toronto. The popular program includes a jazz class, a basketball program, pottery-making and a homework club. The individual attention Emma receives at the Braeburn homework club has helped her the most.

The success of the program can be measured with the latest results from Braeburn Public School in the province's standardized tests for Grade 3 students. In 1998, only 17% of students passed the reading test, compared to 51% in 2002. In writing, the figure jumped from 14% to 52%, and in mathematics, from 10% to 50%.

"Emma can now complete her homework very well," says Emma's mother, Wendy. She adds that the agency's trained staff can explain homework assignments better than some parents.

Skye is another regular at the Braeburn homework club. "We can't get her to leave at 5 p.m. when the program

ends for the day," says Skye's mother, Lynn. "Now she likes to get homework so she can go to the homework club."

Donors to United Way's Community Fund help get projects like Braeburn's after-school program off the ground and keep them going, so more children like Emma and Skye can have a safe, stable place to learn and grow.





# Frequently Asked Questions

## What is United Way of Greater Toronto's value statement?

- We are personally committed to fulfilling United Way's mission;
- We care about our customers and strive to meet their needs promptly and effectively;
- We demonstrate the highest standards of professionalism in everything we do;
- We are innovative and creative in responding to new challenges and opportunities;
- We work co-operatively as a team and promote an environment of mutual respect.

## What are United Way's fundraising and administration costs?

With year-round fundraising costs of only 13.8%, and allocations and program costs of 2.1%, United Way of Greater Toronto is a North American leader in cost-efficient fundraising. These figures compare very favourably with the average cost ratio of other Canadian charities. United Way keeps costs low through the support of more than 20,000 volunteers and by leveraging donated services and supplies.

## What makes an organization eligible for United Way funding?

In order to be eligible for United Way funding, an organization must:

- Be non-profit, charitable and have a clearly stated purpose and function within the social service and community health sector;
- Be incorporated and registered as a charitable organization under the Canada Income Tax Act;
- Provide programs and services which are of a social, health, community or related nature;
- Meet a vital local community need;
- Be operated by a volunteer board of directors that reflects the community it serves. This board must be responsible for the development, delivery and evaluation of services and the efficient and effective

- management of the agency's programs and budget;
- Effectively use volunteers in the delivery of service;
- Be supportive of United Way, its operating policies and campaign efforts. It is also worth noting that agencies must apply in order to be considered for United Way funding.

## Does United Way depend on government funding?

United Way itself does not receive government funding. However, most of the agencies United Way funds do receive government grants for specific programs, such as emergency shelter, counselling, health care, crisis intervention, and meals-on-wheels. In view of recent government cutbacks, United Way dollars have become the only stable funding source for many agencies. We continue to work with our agencies to help them cope with this changing environment.

## Can donors direct their donations? What if I work at UTM or UTSC and want to designate my funds to another United Way outside of the GTA?

Yes, donors can direct their donations to any of United Way's 12 areas of service (including our four priority areas), to a specific United Way agency or to another United Way. United Way donors can also direct donations to any charitable organization in Canada when you provide the registered charity number for processing.

## Why do some agencies have their own fundraising drives?

United Way does not provide 100% funding to any of its agencies. In fact, all agencies are encouraged to diversify their funding sources. Furthermore, if an agency needs a new building or has some other major capital expense, it may conduct its own capital fundraising drive. This is done after consulting with United Way and the timing and methods used may be restricted.

## Where the Money Comes From

This year we will help more people in need than ever before. That's because people like you gave \$84.3 million through United Way last year — the highest amount ever!

Right now, gifts from generous donors like you are repairing lives and restoring hope for people across Toronto.

Here's the breakdown on where the money comes from:



## Where the Money Goes

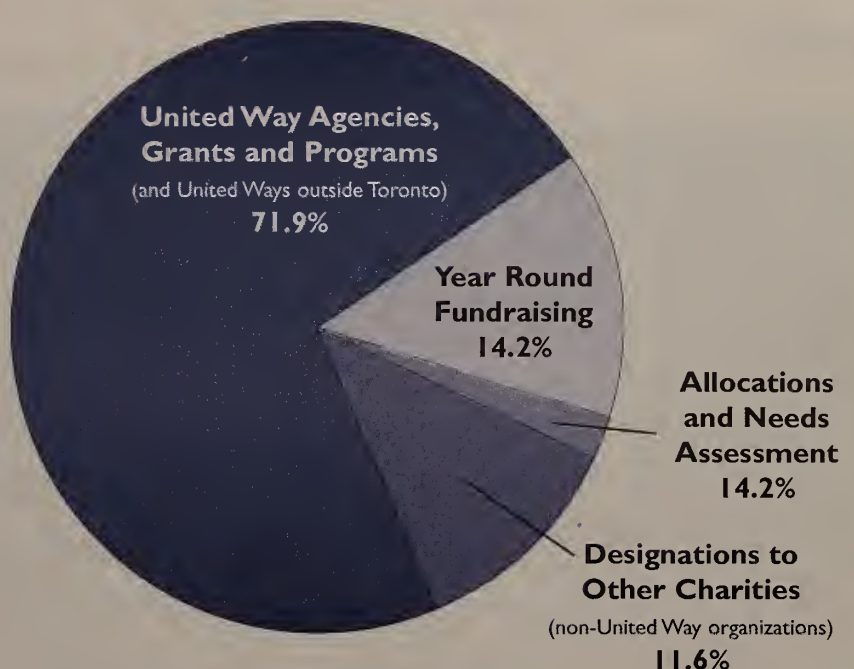
United Way funds 148 social service organizations allowing them to engage in long-term planning, remain flexible and innovative, and respond quickly to the changing needs of the communities they serve.

United Way also allocates short-term grants to agencies helping abused women, newcomers, young children and the homeless - bringing the total number of United Way funded agencies to 200.

Our allocations are based on thorough research into social need, ensuring your money goes to those who need it most. Experienced volunteers and professionals work together to review submissions for funding, conduct interviews, and visit agencies to assess their performance and results. It's the only way to be sure your money gets to those who really need it.

In 2003, we raised a record \$84.3 million for our community, including funds for 200 agencies and other registered charities as designated by our donors.

\* Figures reflect the results of the 2002 United Way of Greater Toronto fundraising campaign.



For more information about the United Way of Greater Toronto, go to [www.unitedwaytoronto.com/](http://www.unitedwaytoronto.com/) or call Analee Stein at 416-946-0245 for information about the United Way Campaign at University of Toronto



# VOLUNTEERS MAKE ALL THE DIFFERENCE

## United Way Canvassers for 2004-05 Campaign

Without you, there would be no way

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Classics – Ann-Marie Matti  
Computer Science - Naraindra Prashad  
Dean's Office – Ida Ferrinho  
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Economics – Don Moggridge  
English – Cecilia Martino  
Fine Art – Joanna Wainman  
Geography – Donna Jeynes  
Geology – Silvanna Papaleo  
History – Vicky Dingillo  
Italian Studies – Gloria Cernivivo  
Mathematics – Beverly Leslie  
Philosophy – Anita Di Giacomo  
Physics – Helen Smith  
Political Science – Nelson Wiseman  
Registrar's Office – Angie Calabrese  
Zoology – Peter Thinh

### COLLEGES:

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New – Chris Sparks  
Trinity – John Beach, Herma Joel  
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Chemical – Arlene Fillatre  
Civil – Eva Kuhn, Nelly Pietropaolo  
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Materials Science and Engineering – Teresa  
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Banting & Best Diabetes Centre – Sandra  
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Laboratory Medicine & Pathology – Julia  
Bella, Melissa Allen  
Nutritional Sciences – Vijay Chetty  
Physiology – Julie Weedmark  
Psychiatry – Eva Gladish  
Public Health Sciences – Danny Lopez  
Speech – Language Pathology – Tina Abbato  
Surgery – Nancy Condo

### OTHER FACULTIES:

Dentistry – Donna Crossan  
Forestry – Ian Kennedy  
Information Studies – Joe Cox  
Management – Diane Hughes-Leacock  
Music – Sally Holton  
Pharmacy - Marie Dean  
Physical Education & Health – Darcy Brioux,  
Karen Lewis

**Please be kind  
to your canvasser.  
Give like you never  
have before.**

### OISE/UT:

Adult Education & Counseling Psychology –  
Amelia Nanni  
Curriculum, Teaching & Learning – Sue Eccles  
Sociology and Equity Studies in Education –  
Cheryl Williams  
Theory and Policy Studies – Jane Goodlet  
Human Development & Applied Psychology  
– Mary Macri  
Institute of Child Study – Elizabeth  
Rentzelos

Please submit your completed  
pledge forms by Tuesday,  
December 21.

This year's campaign chair is  
Michael Marrus, Professor of  
History

2004 Campaign Objectives  
25% overall participation  
Goal \$825,000

For more information  
about the United Way of  
Greater Toronto, go to  
[www.unitedwaytoronto.com/](http://www.unitedwaytoronto.com/)  
or call Analee Stein at 416-  
946-0245 for information  
about the United Way  
Campaign at University of  
Toronto

### CENTRES, INSTITUTES & SCHOOLS

Canadian Institute for Theoretical  
Astrophysics – Margaret Fukunaga  
Criminology – Rita Donelan, Lori Wells  
Drama – Luella Massey  
Graduate Studies – Donna Gutasukas  
Medieval Studies – Grace Desa

### ADMINISTRATION & STUDENT SERVICES:

Admissions & Awards – Lidija Mestnik  
Career Centre – Glen Matadeen, Krystyna  
Kiru  
Computing & Network Services – Clara  
Pereira  
Development and Alumni Affairs – Jacqueline  
Raaflaub  
Facilities & Services – Trevor Wilkinson,  
Chairperson; Suzanne Doyle, Building  
Services, Grounds & Trades; Ancil Kashetsky,  
Human Resources/Payroll; Bob Ross, Utilities  
& Building Operations; Leslie Barcza, Mail  
Services; Stan Szwagiel, Grounds; Michael  
Baker, Capital Projects/Design Group (5th  
Floor); Reno Strano, Campus Services and  
Waste Management; Michael Peterson,  
Caretaking Services – Day Staff; Lindsay  
Bauckham, Caretaking Services – Night Staff;  
Robert Rodmell, Trade Services; Peter  
Franchi, Police Services

Governing Council – Ramona Cesar  
Health Services – Maria Pocchi  
Hart House – Laney Marshall  
Robarts Library – Anna Santeramo  
Library Administration – Darlene Kent  
Gerstein Science Information Centre – Vidya  
Mahadeov  
Public Affairs – Audrey Fong  
Student Affairs – Nancy Kersnik  
Human Resources – Joanna Davis

### UNIVERSITY OF TORONTO AT MISSISSAUGA

Anthony Wensley, Leadership Chair  
Cindy Ferencz-Hammond, Diane Mesch

### UNIVERSITY OF TORONTO AT SCARBOROUGH

Jamie Donaldson – Leadership Chair  
Adriana Koufis

\* We apologize for any omissions as we are  
still actively recruiting canvassers.  
If you would like to represent your depart-  
ment as a United Way canvasser, please  
contact Analee Stein at 416-946-0245.



## LETTERS



### GSU PRESIDENT ON COMMITTEE AN EXCELLENT CHOICE

As a member of the university community and as a graduate student I wanted to extend my congratulations and appreciation to the chair of the Governing Council on the composition of the presidential search committee. The individuals and their credentials are certainly impressive and I am sure the outcome will be a president who will best serve the current and future interests of the university. In particular, the naming of Mahadeo Sukhai, the current president of the Graduate Students' Union, is the best and most appropriate choice to serve as the graduate student representative. Having the president of the Graduate Students' Union sit on this committee will ensure that the voice of over 10,000 graduate students

will be effectively represented on such a crucial committee.

JORGE SOUSA  
ONTARIO INSTITUTE FOR STUDIES IN  
EDUCATION OF U OF T

### LETTERS DEADLINES

OCTOBER 15 FOR OCTOBER 25  
OCTOBER 29 FOR NOVEMBER 8  
NOVEMBER 19 FOR NOVEMBER 29

Letters may be edited for brevity or clarity. Please limit to 500 words and send to Ailsa Ferguson, associate editor, fax: 416-978-7430; e-mail, ailsa.ferguson@utoronto.ca. When submitting letters please include a telephone number and, if possible, an e-mail address.



## Cider 'n' Song

### Hart House Farm

Saturday, October 16, 2004

**ACTIVITIES:** 🍎 Making cider (bring a container to take some home) 🍎 Hiking in fall leaves 🍎 Musical Entertainment 🍎 Sauna 🍎 Baseball 🍎 Soccer

**MEALS:** Lunch upon arrival 🍎 Supper in late afternoon.

**TRANSPORT:** Buses leave Hart House at 10:30 a.m. Expected departure from the Farm is 7:00 p.m.

**ADVANCE TICKET SALES:** including Thurs., Oct 14:  
Cost per person: \$24.00 with bus; \$19.00 without.  
*Purchase tickets early to avoid disappointment!*  
**Tickets after Thursday, Oct. 14:**  
Cost per person: \$29.00 with bus; \$24.00 without.

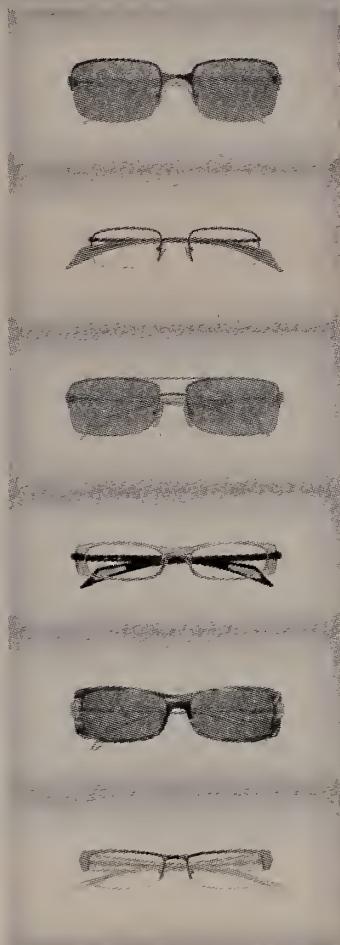
Tickets now available at the Hall Porters' Desk.

Members may sponsor up to two guests (exceptions to be approved by the Farm Committee). Pets are not permitted at the Farm. Families and children welcome. Children's rates available.



**HART HOUSE**  
UNIVERSITY OF TORONTO  
416.978.2452 www.harthouse.utoronto.ca

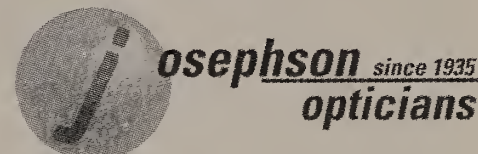
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Department of Chemistry



University of Toronto

presents

## The John and Lois Dove Memorial Lecture Series 2004-2005

### Dr. Philip Ball

Consultant Editor for Nature and  
Science Writer in Residence, Department of Chemistry,  
University College, London, UK

## "Chemistry and Colour in Art"

**Thursday 14th October, 2004 at 7:00 p.m.**

George Ignatieff Theatre, 15 Devonshire Place

(between Bloor Street & Hoskin Avenue, just south of Varsity Stadium)

## The Walter Graham/Homer Thompson Chair in Aegean Prehistory INAUGURAL LECTURE

### "THE FUTURE OF AEGEAN PREHISTORY AND THE PROBLEM OF ARCHAEOLOGY VERSUS SCIENCE"

presented by **Professor Sturt Manning**,  
the Graham/Thompson Chair in Aegean Prehistory in the Department of Fine Art

**6 p.m. on Wednesday October 13**

The Bahen Centre, 40 St George Street  
The Adel Sedra Auditorium, Room 1160





# KOREAN PENINSULA PEACE FORUM

Peace on the Korean Peninsula is one of the most significant steps to achieve world peace. Is it an overstatement? Perhaps not. Then, what do we need to achieve peace on the Korean Peninsula? Is it even possible or just a residue from the Cold War to stay with us? In our hope to discover new ideas and solutions, we are pleased to host this Forum, the first-ever full-day peace forum focused on the Korean Peninsula held in North America.

This Forum is your best opportunity to meet and listen to the world-renowned experts about issues surrounding both Koreas and the contentious, current situations with historic perspectives.



## PROPOSED AGENDA

8:00 a.m. Registration & Continental Breakfast  
9:00 a.m. Opening Ceremony  
9:30 - 11:45 a.m. Workshop  
TOPIC 1: The U.S. Korea Policy - its History and Outlook.  
TOPIC 2: North Korea Nuclear Crisis and New Strategies in the Age of Security.  
12:00 - 1:45 p.m. Luncheon with Speaker  
2:00 - 4:30 p.m. Workshop

TOPIC 3: Food Security in North Korea and its Economic Outlook  
TOPIC 4: The Best Possible Way of Integrating North Korea into the World Community  
TOPIC 5: Canada's Most Desirable Role.  
4:30 - 5:15 p.m. Conclusion  
6:00 - 6:30 p.m. Cocktails  
6:30 - 7:30 p.m. Dinner  
7:30 - 8:00 p.m. Keynote Speech  
8:00 - 11:00 p.m. Socials

## OPEN YOUR HEART TO NORTH KOREAN CHILDREN

North Korea has been hit with a deadly famine, which may be the worst famine to hit anywhere since World War II. Crops have been damaged by hail in 1994, by unprecedented floods in 1995 and 1996, and by drought and Typhoon Winnie in 1997. Millions of North Koreans are estimated to have already perished from starvation.

The young and the old are particularly susceptible. As many as 10,000 children a month were dying according to German Red Cross in 1997. We are deeply saddened that children of North Korea are dying as a result of massive food shortages. We would like to assist those starving children to prevent further tragedy.

Instead of registration fee, we would like to ask you to make generous donation (no less than \$100.00 per person) towards the funds for food and medical supplies for North Korean children. Please open your heart and give generously. Please make your donation cheque payable to "Canadian Foodgrains Bank" and you will receive a tax receipt.

*We thank you for your generous donation and kind consideration for North Korean children.*

### REGISTRATION FORM for Peace Forum

☐ Breakfast.....8:00 a.m.  
☐ Morning Workshop .....9:30 a.m.  
☐ Luncheon .....12:00 noon  
☐ Afternoon Workshop .....2:00 p.m.  
☐ Reception and Dinner .....6:00 p.m.

#### Accommodations:

☐ Night of November 18, 2004  
☐ Night of November 19, 2004

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_

Email: \_\_\_\_\_

#### Please check appropriate boxes:

☐ Put me on your mailing list  
☐ Send me publication of this Forum  
☐ Send me the publication from ACDPU  
☐ Send me email for future ACDPU events

All registration is for one individual only. If you wish for another person to attend, please fill out additional registration form. No ticket is guaranteed unless received by October 15th, 2004.

This is on a first come first served basis. Please send registration form to:

ACDPU - Canada East Chapter  
401 - 2 Forest Laneway  
Toronto, ON, Canada M2N 5X7

Tel: (416) 221-8934 Fax: (416) 221-226-0375  
Email: canox@hanmail.net

Korean Peninsula Peace Forum  
Your best opportunity to Learn and Explore Korean Peninsula Peace

November 19th, 2004  
The Westin Prince Hotel  
900 York Mills Road  
Toronto, Ontario, Canada

### DISTINGUISHED SPEAKERS & PANELISTS:

PROF. BRUCE CUMINGS - One of the best known Korean experts and author of *The Origins of the Korean War*.

JIM CORNELIUS - Executive Director of Canadian Foodgrains Bank and a respected expert on Food Security in North Korea.

PROF. PAUL EVANS - Director of the program for Canada-Asia Policy studies, Institute of Asian Research, University of British Columbia.

HON. DONALD P. GREGG - Former U.S. ambassador to South Korea and President and Chairperson of the Board of The Korea Society.

SELIG HARRISON - Long-time analyst of U.S.-Korean relations and author of *Endgame in Korea*.

PROF. DAVID KANG - Associate Professor of Government, Dartmouth College and author of *Nuclear North Korea: A Debate on Engagement Strategies*.

PROF. HAN PARK - Political Scientist and has written on North Korea ideology.

PROF. SOO BIN PARK - Economist who has done an in-depth study on North Korean economy and its outlook.

DR. KENNETH QUINONES - Former State Dept. Official with expertise in nuclear weapon issues and North Korea.

HON. MAURICE STRONG - World-renowned Canadian diplomat and industrialist who is an UN Under-secretary General and special envoy to North Korea.

SENATOR LOIS WILSON - The first woman moderator of the United Church of Canada, who has the long and distinguished record with the voluntary sector on social, religious issues, headed the Canadian government delegation to North Korea in 2001.

... with more to come ...





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## TWO LECTURES

by

PROFESSOR MARGARET JACOB

Department of History  
University of California at Los Angeles



*"FREEMASONRY AT ITS ORIGINS: FREETHINKERS, FREEMASONS  
AND OTHER RADICALS AND ROMANTICS OF THE 18TH CENTURY"*

Tuesday, 26 October 2004, 7:45 p.m.

Bloor Street United Church, 300 Bloor St West

(Sponsored by the Toronto Society for Masonic Study and Research)

and



*"SCIENCE, ALCHEMY, AND THE ORIGINS  
OF WESTERN COSMOPOLITANISM"*

Wednesday, 27 October 2004, 4:10-5 p.m.

Room VC323, Victoria College

(SPONSORED BY THE INSTITUTE FOR THE HISTORY AND PHILOSOPHY OF SCIENCE  
AND TECHNOLOGY, FACULTY OF ARTS AND SCIENCE)

## BOOKS



The following are books by U of T staff. Where there is multiple authorship or editorship with members of another institution, staff are indicated with an asterisk.

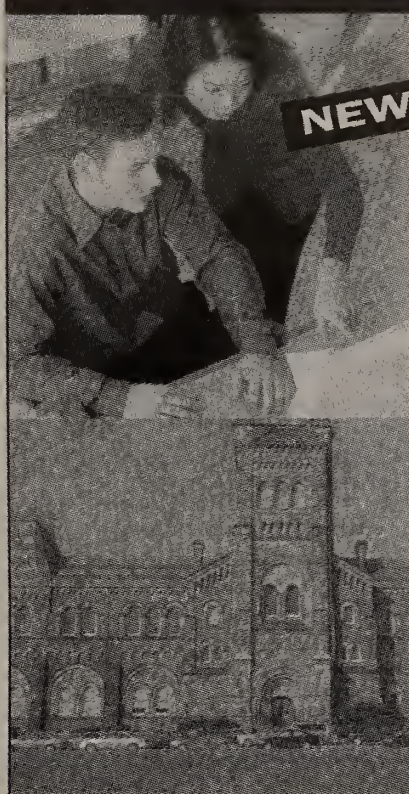
**Durable Peace: Challenges for Peacebuilding in Africa**, edited by Taisier M. Ali and Robert O. Matthews\* (U of T Press, 440 pages; \$70 cloth, \$29.95 paper). In the years since decolonization, the African continent has been racked with war. The collection of essays in this book discuss the experiences of 10 African countries — Angola, Ethiopia, Liberia, Mozambique, Rwanda, Somalia, South Africa, Sudan, Uganda and Zimbabwe — in recovering from violent civil war. Collectively they demonstrate that if efforts to restore peace are to be successful, such efforts must be wide in scope, must be extended over long periods of time and, above all else, anchored in the local community.

**Cosmos as Art Object: Studies in Plato's *Timaeus* and Other Dialogues**, by T.M. Robinson (Global Academic Publishing of Binghamton University, 171 pages; \$26 US). This volume comprises 15 studies of various aspects of Plato's cosmological writings, published between 1979 and 2000. Specialized pieces address such topics as the concepts of eternity, sempiternity and everlastingness, and the question of what is involved in claims that the universe could be said to have had a beginning in time that was the first point of time. Less specialized pieces include the essays Plato, Einstein and the Concept of Cosmological

Imaginativeness and Aristotle, the *Timaeus* and Contemporary Cosmology.

**Gendered Pasts: Historical Essays in Femininity and Masculinity in Canada**, edited by Kathryn McPherson, Cecilia Morgan\* and Nancy M. Forestell (U of T Press, 360 pages; \$24.95). It is commonplace today to suggest that gender is socially constructed, that the roles women and men fulfil in their daily lives have been created and defined for them by society and social institutions. But how have men and women negotiated and navigated the gender roles thrust upon them? The 11 essays in this volume seek to answer this question in a wide-ranging exploration of specific gendered dimensions of 19th- and 20th-century Canadian history.

**Glaucoma: A Patient's Guide to the Disease**, by Graham E. Trope (U of T Press, 110 pages; \$10.95). Primary or chronic open angle glaucoma is a painless condition usually associated with high pressure in the eye. It affects approximately four per cent of all people over the age of 50 and untreated is a major cause of blindness worldwide. This edition offers not only essential information about glaucoma and its treatment, presented in a simple question and answer format to allow patients to participate actively in the decision-making process, but also introduces important new updates on new medical and surgical treatments and information on the latest techniques used to diagnose and follow the disease.



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AIR CANADA





# THE GAIRDNER FOUNDATION LECTURES

## THE GAIRDNER FOUNDATION LECTURES

In Partnership With Canadian Institutes of Health Research — Minds That Matter  
2004 International Symposium

*Thursday, October 21, 2004 9:00 a.m. – 3:30 p.m.*

*MacLeod Auditorium, Medical Sciences Building*  
Open Seating

### MORNING SESSION

#### 9:00 a.m. WELCOME AND OPENING

Dr. John H. Dirks, President  
The Gairdner Foundation  
Dr. Alan Bernstein, President,  
CIHR, Ottawa, Ontario  
Dr. David Naylor, Dean, Faculty  
of Medicine, University of  
Toronto

9:15 a.m.

Chair: Dr. Peter Lewis, Vice-Dean,  
Research, Faculty of Medicine,  
University of Toronto

Introduction: Dr. Reinhart Reithmeier,  
Professor & Department Chair,  
Department of Biochemistry,  
University of Toronto

Speaker: Professor R. John Ellis, F.R.S.,  
Gairdner 2004, University of  
Warwick, Coventry, UK

*"Protein aggregation: A universal  
cellular problem and its solution"*

10:00 a.m. Break

10:15 a.m.

Introduction: Dr. Walid A. Houry, Assistant  
Professor, Department of  
Biochemistry, University of Toronto

Speaker: Professor E. Ulrich Hartl,  
Gairdner 2004, Max-Planck-  
Institut für Biochemie,  
Germany

*"Molecular chaperones in the  
cytosol: From nascent chain to  
folded protein"*

11:00 a.m.

Introduction: Dr. David B. Williams,  
Professor, Department of  
Biochemistry, University of  
Toronto

Speaker: Dr. Arthur Horwich, Gairdner  
2004, Yale University School of  
Medicine, New Haven, CT, USA

*"Looking at the final step of  
information transfer: Structure  
and mechanism in chaperonin –  
mediated protein folding"*

12:00 noon LUNCH – Dean's Conference  
Room (by invitation only)

### AFTERNOON SESSION

1:00 p.m.

Chair: Dr. Johan H. van de Sande,  
Vice-Dean, Faculty of Medicine,  
University of Calgary, Calgary,  
AB., CA

Introduction: Dr. Gordon Winocur, Senior  
Scientist, Rotman Research  
Institute, Baycrest Centre for  
Geriatric Care, Toronto, ON., CA

Speaker: Seymour Benzer, Ph.D.,  
Gairdner Award 1964 & 2004,  
Boswell Professor of  
Neuroscience, California  
Institute of Technology,  
Pasadena, CA, USA

*"Adventures in neurogenetics"*

1:45 p.m.

Introduction: Dr. Denis M. Grant, Professor &  
Chair, Department of  
Pharmacology, Director, Institute  
for Drug Research, Associate  
Dean for Research, Faculty of  
Pharmacy, University of Toronto

Speaker: George Sachs, M.B., Ch.B.,  
D.Sc., M.D., Gairdner 2004,  
Professor, Medicine and  
Physiology, University of  
California, Los Angeles, Los  
Angeles, CA USA

*"Discovery of novel therapy for  
acid related diseases"*

### Special Lecture

2:30 p.m.

Introduction: Dr. Grant McFadden, Ph.D.,  
Professor, Department of  
Microbiology & Immunology,  
University of Western Ontario &  
Robarts Research Institute,  
London, ON., CA

Speaker: Donald A. Henderson, M.D.,  
M.P.H., Gairdner 1983, Center  
for Biosecurity, University of  
Pittsburgh Medical Center  
Baltimore, Maryland, USA

*"Smallpox: The death and res-  
urrection of a virus"*

3:30 p.m. CONCLUSION  
Dr. John H. Dirks



# A MUST-SEE SYMPOSIUM ON MEDICAL RESEARCH

IN PARTNERSHIP WITH



## THE GAIRDNER FOUNDATION LECTURES In Partnership With Canadian Institutes of Health Research Minds That Matter — “From Genes to Proteins” 2004 International Symposium

Friday, October 22, 2004 9:00 a.m. – 3:30 p.m.

MacLeod Auditorium, Medical Sciences Building

Open Seating

### MORNING SESSION

#### 9:00 a.m. WELCOME AND OPENING

Dr. John H. Dirks, President  
The Gairdner Foundation

Dr. John Challis, Vice-President,  
Research & Associate Provost,  
University of Toronto

9:15 a.m.

Chair: Sir Keith Peters, Regius Professor  
of Physic, University of  
Cambridge, School of Clinical  
Medicine, Cambridge, UK

9:20 a.m.

Dr. Sydney Brenner, M.B., D.Phil,  
F.R.S., Gairdner 1978 & 1991,  
Nobel Laureate 2002, The Salk  
Institute, San Diego, CA, USA

“Everything is in the details”

9:40 a.m.

Introduction: Dr. Victor Ling, Vice President  
of Research, BC Cancer Research  
Centre, Vancouver, BC, CA

Speaker:

Dr. James E. Rothman, Gairdner  
1996, Professor, Columbia  
University, NY, USA

“The mechanism of cellular  
membrane fusion”

10:20 a.m.

Break

10:50 a.m.

Introduction: Dr. Brenda J. Andrews, Chair,  
Banting & Best Department of  
Medical Research & Director of  
the Centre for Cellular &  
Biomolecular Research,  
University of Toronto

Speaker:

Dr. David MacLennan,  
Gairdner 1991, University  
Professor, University of Toronto,  
J. W. Biles Professor of Medical  
Research, Charles H. Best  
Institute

“Calcium pumps, pump regula-  
tory proteins and cardiac  
contractility”

11:30 a.m.

Introduction: Dr. Aled Edwards, Director &  
CEO, Structural Genomics  
Consortium, Toronto, ON., CA

Speaker:

Dr. Roderick MacKinnon  
Gairdner 2001, Nobel Laureate  
2003, Professor of Molecular  
Neurobiology and biophysics,  
The Rockefeller University, New  
York, NY, USA

“Potassium channels”

12:10 p.m.

LUNCH – Dean’s Conference  
Room (by invitation only)

### AFTERNOON SESSION

1:00 p.m.

Chair: Dr. Cyril Kay, Professor Emeritus  
of Biochemistry, Vice-President  
Research Alberta Cancer Board,  
University of Alberta, AB., CA

Introduction: Dr. Amira Klip, Senior Scientist,  
The Hospital for Sick Children,  
Professor of Paeds, Biochem &  
Physion, University of Toronto

Speaker :

Dr. Walter Neupert, Gairdner  
1998, Institut fuer,  
Physiologische Chemie,  
University Munich, Munich,  
Germany

“Preprotein translocases of the  
mitochondria”

1:40 p.m.

Introduction: Dr. Janet Rossant, Senior  
Investigator, Samuel Lunenfeld  
Research Institute, Mount Sinai  
Hospital, Toronto, ON., CA

Speaker:

Dr. Anthony J. Pawson, Gairdner  
1994, Director of Research,  
Samuel Lunenfeld Research  
Institute, Toronto, ON., CA

“Protein interactions in signal  
transduction and cell polarity”

2:30 p.m.

Introduction: Dr. Michael D. Tyers, Senior  
Scientist, Samuel Lunenfeld  
Research Institute, Mount Sinai  
Hospital, Toronto, ON., CA

Speaker:

Dr. Avram Hershko, Gairdner  
1999, Israel Institute of  
Technology, Bruce Rappaport  
Faculty of Medicine, Israel

“The ubiquitin system for protein  
degradation and some of its roles  
in the control of cell division”

3:15 p.m.

CONCLUSION  
Dr. John H. Dirks

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The Alberta Cancer Board  
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**NOMINATION DEADLINE: MONDAY, DECEMBER 6, 2004, 5 P.M.**

For further information or nomination forms, please contact

the Division of University Advancement, J. Robert S. Prichard Alumni House,

21 King's College Circle, 3rd Floor. Tel: (416) 978-6536 or e-mail [linda.wells@utoronto.ca](mailto:linda.wells@utoronto.ca)

Information and nomination forms are also available at [www.alumni.utoronto.ca](http://www.alumni.utoronto.ca)

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J.J.R. MacLeod Auditorium  
Medical Sciences Building, 1 King's College Circle

October 13, 2004  
8:00 p.m.

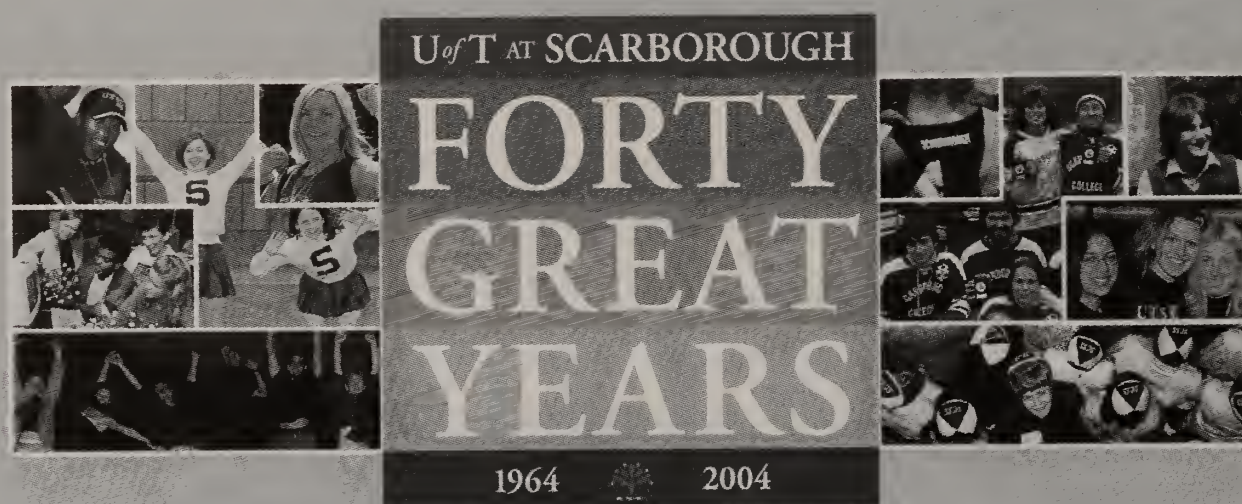
Amos Oz is an eminent author of fiction and political commentary. He has profoundly shaped contemporary Hebrew literature and is a major figure in the Israeli peace movement. In July of this year Oz and the Palestinian philosopher Sari Nusseibeh were jointly awarded the Catalonia Prize for the promotion of cultural, scientific, or human values throughout the world.



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# Which Ones Were Yours?



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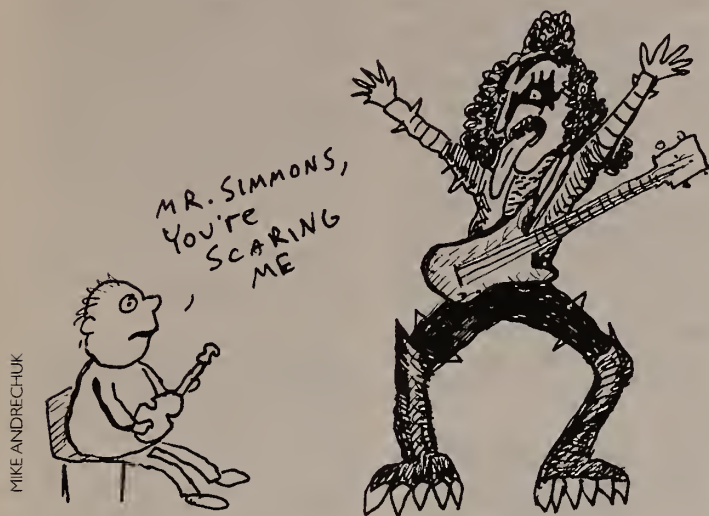
Comedy Show in the ARC

40th Anniversary Wrap-Up Party

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# Music, Wastewater & Emotional Intelligence



## Music education mired in the past

Artists such as Celine Dion and Avril Lavigne have sold millions of CDs but you wouldn't know it by visiting most of today's music classrooms, which still resound with music scores from the 19th century being taught with teaching methods from the 1950s, says Professor Lee Bartel of music.

In the upcoming book *Questioning the Music Education Paradigm*, Bartel and other national and international music academics question and criticize the accepted way of teaching music programs in elementary and high schools.

"One of the fundamental challenges is the fact that we should be more progressive," Bartel said. "The models being used in music now were common in the schools 50 years ago but they don't fit the current creative environment, especially since most other aspects of schooling have moved on to much more socially oriented, collaborative learning systems."

Bartel pointed out that most music classes are still dominated by the big ensemble — choir (associated with churches), orchestra (concert hall) and band music (usually associated with football games) — which children rarely listen to or

want to listen to.

"Why aren't we doing more guitar programs which are more culturally appropriate for many students and which appeal to a greater number of kids than the big brass Sousa marches?" Bartel asked. "As well, we have to put the 'play' back into playing music. We teach music which is far too serious and written by some long-dead composer. If a child wants to learn the piano, why can't they learn scores from a contemporary pianist such as Elton John?"

*Questioning the Music Education Paradigm*, aided in part by the U of T work study program, will be published later in 2004 by the Canadian Music Educators Association.

MICHAEL RYNOR

## Wastewater could treat itself, power city

The energy stored in Toronto's municipal wastewater could be harnessed to run water treatment facilities and contribute power to the city grid, says new U of T research.

The study, published in the August issue of the *Journal of Energy Engineering*, is the first to measure the energy content of the raw municipal wastewater in the Ashbridges Bay, North Toronto, Highland Creek and Humber plants. The research revealed that

the wastewater contained enough organic material to potentially produce 113 megawatts of electricity or close to 990 million kilowatt hours a year.

"With a 20 per cent recovery of that potential energy into electricity, the wastewater treatment plants could produce enough electricity for their own operation," said Professor David Bagley of civil engineering who conducted the research with lead author and PhD candidate Ioannis Shizas. "Any recovery of potential energy above that can be returned to the grid."

Bagley and Shizas used bomb calorimetry, a technique that measures the heat content of materials, to determine the amount of energy stored in wastewater's organic matter. The city plants currently use aerobic treatment, a process by which microbes decompose organic matter in the presence of oxygen. By using anaerobic digestion instead, in which microbes decompose matter without oxygen, the process' byproduct of biogas — methane-rich gas with an energy content approximately 75 per cent that of natural gas — could become a valuable energy source in the future.

"We're moving towards a future where we see our wastewaters and other wastes as resources," Bagley said. "If electricity costs go up like they have in places like California, this could be a cost-effective and renewable energy source."

The research was funded by the Natural Sciences and Engineering Research Council of Canada and the Centre for Research in Earth and Space Technology, an Ontario Centre for Excellence.

KAREN KELLY

## Fractures mean broken lives in developing world

Broken bones often mean lifelong disability in the developing world, due to a lack of access to simple,

inexpensive initial treatment, says the director of U of T's international surgery program.

"Falls are the leading cause of disease burden among children between ages five and 14 in low- and middle-income countries, followed by road traffic injuries," said Professor Massey Beveridge of surgery and a burn surgeon at Sunnybrook and Women's College Health Sciences Centre. "For each person who dies from trauma, three to eight more are permanently disabled."

By 2020, 20 per cent of all illness will be attributable to injury, compared with 12 per cent today, Beveridge noted in a study published in the August issue of the *Journal of Bone & Joint Surgery*. Road traffic deaths already are the second leading cause of death for people between the ages of 15 and 45 in low-income countries.

An estimated 10 per cent of all deaths in developing countries could be prevented with access to simple surgical and obstetrical procedures, but in east Africa, for instance, there are a paltry 400 surgeons serving 200 million people. In addition, most of the global funding to date has focused on communicable diseases and nutrition rather than injury, Beveridge said.

"We in the developed world must support efforts in developing countries to train more orthopedic surgeons and to educate frontline healthcare workers in the appropriate treatment of orthopedic patients," said Beveridge. "Common sense and dire need demand that such measures not be ignored."

ELAINE SMITH

## Emotional intelligence used as skill to build relationships

Emotional intelligence should be seen as a skill that can be developed to improve one's interpersonal relationships rather

than as a measuring tool for evaluating success in life, argues a U of T expert on emotion research.

"The idea that there is a quick and easy test for emotional intelligence and that a high score on such a test will predict life success has not been established," said Keith Oatley, author of *Emotions: A Brief History* and a professor in human development and applied psychology at the Ontario Institute for Studies in Education of U of T. "This is the kind of idea that people get excited by but that connection hasn't been proven."

In his book, released last month by Blackwell Publishing, Oatley goes beyond the hype of emotional intelligence tests and explains that emotional skills can be developed to enhance a person's relationships with others. Emotional intelligence is defined as a set of skills that enable individuals to understand their own and other people's emotions so they can manage their lives and their relationships, he said.

Pointing to the work of Peter Salovey and Jack Mayer, researchers who proposed the concept of emotional intelligence 15 years ago, he said people can develop their emotional intelligence by recognizing other people's emotions, using emotions to facilitate thought, understanding emotions and managing emotions.

Oatley's book also details the history of emotions across different cultures and their impact on society and individuals. He explores the idea that emotions are not just experienced by the individual but form the foundation of culture. "Emotions provide the very basis of relationships but the new and important idea is that emotions mediate relationships and this is something in the field of emotion research that is beginning to be realized," he said.

SUE TOYE

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**Sabbatical rental, May to September 2005,** Bloor/Yonge. Beautiful three-storey townhouse, 2 bedrooms +, 2 baths, back patio, new kitchen, dishwasher, laundry, A/C, underground parking. Short walk to U of T. Sabbatical rental, January to September 2005, Furnished \$1,375 + utilities. Contact Sam, 416-978-7391; sam.roweis@utoronto.ca

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**St. George St.** 2-bedroom, 2-storey condominium with major appliances, includes laundry. Short walks to shops, transit, campus. Graduate professional preferred. No smokers, pets. \$1,750 including utilities. Available immediately. Reference required. Call 416-665-0862.

**376 Lauder Ave.,** south of Rogers Rd, east of Dufferin. Luxury 3-bedroom house. CAC, new appliances. Private drive, 4 to 6 car parking. Plus 1 extra bachelor unit & 1 basement unit. Available. \$2,200 +. 416-486-8356.

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**Avenue Road and Dupont.** Bachelor & 1-bedroom renovated apartments. Clean building with laundry facilities. Steps to university, bus and shopping. Apartments from \$750 per month. Please call 416-924-3020.

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**Bloor & north of Yonge.** Furnished, 2-bedroom penthouse condo could suit small family, gym, laundry, balcony, parking, \$2,000, available immediately until May 31. Pictures: www.lorusso.ca; 416-806-3423.

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**High Park duplex.** Lovely large upper duplex. 3 bedrooms + office, separate dining room, balcony. All appliances. Parking. \$1,495 + hydro. 5 minutes from subway. Available Oct. 15 or Nov. 1. Call 416-767-6001.

**Avenue Road & Dupont.** Furnished duplex: w-Level, 2-bedroom upper; 1 ½ baths; 6 appliances (ensuite washer/dryer); w/o to deck & balcony; TTC. \$1,950 p/m includes cable, CAC, parking & utilities &

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**Jan. 1 to May 1, 2005.** Quiet street near campus. 3 bedrooms, 2 studies, formal dining, large reception, TV room, sauna, fireplaces, finished basement, 2 ½ baths, 2 decks, fenced garden. Off-street parking. 3 TTC lines nearby. \$1,700 monthly plus utilities. No smoking, no pets. 416-922-2253. ihack@chass.utoronto.ca

**Newly renovated 1-bedroom basement apartment.** \$700 utilities included. Located at Harbord and Ossington. Close to all amenities and walking distance to U of T. No smoking, no pets. Please call 416-726-9091.

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**Annex.** Exceptional detached coach house on prestigious street. Walk to Yorkville, U of T, subway. Two bedrooms, two baths, two-car parking, private terrace, gas fireplace, central air, washer, dryer, dishwasher, hardwood floors. Available immediately. \$2,850. 416-922-8839.

**Dundas/Ossington.** 1-bedroom apartment on second floor of renovated Victorian house with deck, hardwood floor, natural gas heating and cooking, air conditioning, laundry, satellite, close to TTC. \$1,050 plus utilities. No pets/smoking. Nov 1. 416-885-7122.

**Grange Village, 105 McCaul.** Luxury furnished junior 1-bedroom, 4th floor, faces courtyard, new queen bed, sectional, linens, dishes, balcony, outdoor pool, exercise, laundry, shopping + food court downstairs, hotel living for less. \$1,495. 416-977-0449, Ronald.freeman@utoronto.ca

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**Evelyn Sommers, Ph.D.,** Psychologist, provides psychotherapy and counselling for individuals and couples from age 17. Covered under U of T benefits. Yonge and 8loor. 416-413-1098 or e-mail for information package, [eks@passport.ca](mailto:eks@passport.ca)

**Individual psychotherapy for adults.** Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley and Jarvis). 416-469-6317.

**Dr. Cindy Wahler, Registered Psychologist.** Yonge/St. Clair area. Individual and couple psychotherapy. Depression, relationship difficulties, women's issues, health issues, self-esteem. U of T extended health care plan covers psychological services. 416-961-0899. [cwahler@sympatico.ca](mailto:cwahler@sympatico.ca)

**Dr. Carol Musselman, Registered Psychologist.** Psychotherapy for depression, anxiety, trauma and other mental

health needs, relationship problems, issues related to gender, sexual orientation, disability. Covered by extended health plans. 489 College St. # 206. 416-568-1100 or [cmusselman@oise.utoronto.ca](mailto:cmusselman@oise.utoronto.ca); [www.carolmusselman.com](http://www.carolmusselman.com)

**Swedish massage, acupuncture, naturopathy, other alternative medicine services.** Direct insurance billing available for U of T staff. 80 Bloor St. W., suite 1100. 416-929-6958. [www.PacificWellness.ca](http://www.PacificWellness.ca)

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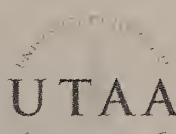
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## EVENTS



### LECTURES

#### Dean's Inaugural Address.

TUESDAY, OCTOBER 12  
Prof. George Baird, Faculty of Architecture, Landscape & Design. Isabel Bader Theatre, Victoria College. 7 p.m. *Architecture, Landscape & Design*

#### From the Heart: Hugo der Goes and the Signage of the Devotio Moderna.

THURSDAY, OCTOBER 14  
Prof. Ellen Konowitz, State University of New York at New Paltz. 140 University College. 4 p.m. *Fine Art*

#### Typographical Biases, or The Noise of the Utterance

THURSDAY, OCTOBER 14  
Davide Panagia, post-doctoral fellow, Centre for Reformation & Renaissance Studies. Senior Common Room, Burwash Hall, Victoria College. 4:15 p.m. *Reformation & Renaissance Studies and Toronto Renaissance & Reformation Colloquium*

#### Chemistry and Colour in Art.

THURSDAY, OCTOBER 14  
Philip Ball, science writer-in-residence, chemistry, University College, London; John & Lois Dove memorial lecture. George Ignatieff Theatre, 15 Devonshire Place. 7 p.m. *Chemistry*

#### Signalling Pathways That Regulate Synapse

#### Development and Function.

MONDAY, OCTOBER 18  
Dr. Michael Greenberg, Harvard Medical School; Sackler distinguished visiting neuroscientist. 3154 Medical Sciences Building. 4 p.m. *Anthropology*

#### Material Evidence.

MONDAY, OCTOBER 18

Toshiko Mori, Toshiko Mori Architect, N.Y. Room 103, 230 College St. 7 p.m. *Architecture, Landscape & Design*

#### Science and Technology for Space Exploration: Moon, Mars and Beyond.

TUESDAY, OCTOBER 19

Irene Antonenko, lecturer, geology, on Resource Exploration and Utilization in Support of a Human Presence on the Moon; and Prof. Michael Dixon, University of Guelph, on Human Life Support for Long-Term Space Exploration. 137 McLennan Physical Laboratories. 7 p.m. *U of T Astronomy & Space Exploration Society*

#### Competitive Intelligence in a Competitive World.

WEDNESDAY, OCTOBER 20

Prof. Craig Fleisher, University of Windsor. School of Continuing Studies, 158 St. George St. 6:30 to 8:30 p.m. *Continuing Studies*

#### Adult Salmon Migration in the Mighty Fraser River, B.C.: A Cardiorespiratory Perspective.

THURSDAY, OCTOBER 21

Prof. Tony Farrell, University of British Columbia; George Holeton memorial lecture. Ramsay Wright Zoological Laboratories. 4 p.m. *Zoology*

#### Sociology and the Public Debate.

THURSDAY, OCTOBER 21

Prof. Claude Fischer, University of California at Berkeley; S.D. Clark memorial lecture in sociology. 1130 Bahen Centre for Information Technology. 7 p.m. *Sociology and Arts & Science*

#### Martha Buck's Copybook: New England Tragedy Verse and the Scribal Lineage of the American Ballad Tradition, 1760-1830.

FRIDAY, OCTOBER 22

Prof. Daniel Cohen, Case Western Reserve University. 208N Munk Centre for International Studies. 4:15 p.m. *Toronto Centre for the Book*

#### Paradoxes, Politics and the Mujeres de Negro of Northern Mexico.

FRIDAY, OCTOBER 22

Prof. Melissa Wright, Pennsylvania State University; Theorizing Transnationality, Gender & Citizenship series. William Doo Auditorium, New College Residence, 45 Willcocks St. 6 p.m. *Women's Studies & Gender Studies and Geography*

#### Philosophy Café: What Is a Person? The Legal Approach to Personhood.

SUNDAY, OCTOBER 24

Prof. Bernard Dickens, Faculty of Law. School of Continuing Studies, 158 St. George St. 11:30 a.m. to 1 p.m. *Continuing Studies*

#### The Literature of Africa and Its Diaspora.

MONDAY, OCTOBER 25

Linton Kwesi Johnson, writer; Conversations: Writers and Readers in Dialogue series. William Doo Auditorium, New College Residence, 45 Willcocks St. 6 p.m. *Chancellor Jackman Program for the Arts*

#### Are Values Queer?

TUESDAY, OCTOBER 26

David Wiggins, Oxford University; first of three Jerome S. Simon memorial lectures on Objectivity in Ethics: Two Difficulties, Two Responses. 1190 Bahen Centre for Technology. 3:15 p.m. *Philosophy*

### COLLOQUIA

#### Women in Armed Conflict Situations.

WEDNESDAY, OCTOBER 13

Indai Sajor, Dame Nita Barrow visitor. 7-

162 OISE/UT, 252 Bloor St. W. Noon to 1:30 p.m. *Adult Education & Community Development Psychology, OISE/UT*

#### Theoretically Guided Interventions for Children With Specific or Non-specific Language Impairments.

WEDNESDAY, OCTOBER 20

Prof. Keith Nelson, Pennsylvania State University. 9-105 OISE/UT, 252 Bloor St. W. 12:30 to 2 p.m. *Human Development & Applied Psychology, OISE/UT*

#### Hiring a Private REB.

THURSDAY, OCTOBER 21

Jack Corman, IRB Services. Room T321, Russell St. site, 33 Russell St. Noon. *Addiction & Mental Health*

#### Geobiology as a Guide to the Search for Life in the Universe.

THURSDAY, OCTOBER 21

Prof. Kenneth Nealson, University of Southern California. 102 McLennan Physical Laboratories. 4 p.m. *Physics*

### SEMINARS

#### Impacts and Adaptation to Climate Change: Floods, Drought, Permafrost, Landslides.

WEDNESDAY, OCTOBER 13

Tanuja Kulkarni, Natural Resources Canada. 2093 Earth Sciences Centre. 4 p.m. *Environmental Studies*

#### Writing History in Independent Ukraine.

THURSDAY, OCTOBER 14

Yaroslav Hrytsak, Ivan Franko Lviv State University; Georgiy Kasianov, Jacyk visiting scholar; Frank Sysyn, CREES senior fellow; and others; round-table discussion. 108N Munk Centre for International Studies. 10 a.m. to 2 p.m. Registration: jacyk.program@utoronto.ca or 416-946-8113. Petro Jacyk Program for the Study of Ukraine

#### Improving Undergraduate Research for Greater Academic Integrity and Student Success.

THURSDAY, OCTOBER 14

Faculty and librarians share their knowledge of the challenges students face and look at solutions to enhance student research skills. 4049 Robarts Library. 1 to 3 p.m. Registration: [www.utoronto.ca/ota/events.html](http://www.utoronto.ca/ota/events.html). *Teaching Advancement*

#### Hormesis: When a Little Means a Lot.

THURSDAY, OCTOBER 14

Ron Brecher, GLOBALTOX Toxicology Focused Solutions. 113 Koffler Institute for Pharmacy Management. 4 p.m. *Environmental Studies*

#### The Formal Design of 14th-Century Anonymous Masses: An Iconographical Canon and the Problem of Restoration.

FRIDAY, OCTOBER 15

Irina Guletsky, CRRS fellow. 205 Northrop Frye Hall, Victoria College. 3:30 p.m. *Reformation & Renaissance Studies*

#### Aeschylus, Homer and the Ending of the Aeneid.

FRIDAY, OCTOBER 15

Prof. Rory Egan, University of Manitoba. 144 University College. 4:10 p.m. *Classics*

#### Helping Your Second-Language Students and Everyone in the Process.

MONDAY, OCTOBER 18

Margaret Procter, University College writing workshop, and Elaine Khoo, Teaching & Language Services, UTSC. 4049 Robarts Library. 2 to 4 p.m. Registration: [www.utoronto.ca/ota/events.html](http://www.utoronto.ca/ota/events.html). *Teaching Advancement*

#### Sharpening Our Focus: Focus Groups and the Challenge and Potential of Qualitative Methods.



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## EVENTS

**WEDNESDAY, OCTOBER 20**  
Prof. Rosaline Barbour, University of Dundee. 4171 Medical Sciences Building. 12:30 p.m. *Qualitative Inquiry Group*

### Detecting Plagiarism With Turnitin.com

**THURSDAY, OCTOBER 21**  
Pam Gravestock, teaching advancement. 4049 Robarts Library. 1 p.m. Registration: [www.utoronto.ca/ota/events.html](http://www.utoronto.ca/ota/events.html). *Teaching Advancement*

### The Evolutionary Genomics of Inbreeding and Recombination.

**FRIDAY, OCTOBER 22**  
Prof. Philip Awadalla, North Carolina State University. B142 Earth Sciences Centre. 3:30 p.m. *Botany*



## MEETINGS

### Property Disputes in Russian and Canadian Courts.

**MONDAY, OCTOBER 18**  
Participants include judges on high courts in the two countries. Vivian & David Campbell Conference Facility, Munk Centre for International Studies. 9 a.m. to 5 p.m. Registration: [janet.hyer@utoronto.ca](mailto:janet.hyer@utoronto.ca) or 416-946-8994. *Russian & East European Studies and Canada-Russia Judicial Partnership Program, Office of the Commissioner for Federal Judicial Affairs*

### Planning & Budget Committee.

**TUESDAY, OCTOBER 19**  
Council Chamber, Simcoe Hall. 4:10 p.m.

### The Stage Represented: Images and Iconography.

**THURSDAY, OCTOBER 21 TO SATURDAY, OCTOBER 23**  
The conference will examine visual representations of the theatre and

theatricality, an important aspect of visual studies and theatre history that has received intensified attention during the past two decades. It will bring together prominent scholars in the field of theatre iconography from Britain, continental Europe, the United States and Canada. Key note address: Iconography and Theatre History by Cesare Molinari, University of Florence at 4:30 p.m. Oct. 21. Robert Gill Theatre, Koffler Student Services Centre. Registration fee: \$40, students and seniors \$15, U of T students free. Registration and information: <http://gradrama.sa.utoronto.ca> or 416-978-7986.

### University Affairs Board.

**TUESDAY, OCTOBER 26**  
Council Chamber, Simcoe Hall. 4:30 p.m.

### Rewritings: Probability, Science & History.

**FRIDAY, OCTOBER 22 AND SATURDAY, OCTOBER 23**  
A Conference in honour of University Professor Emeritus Ian Hacking.

**FRIDAY, OCTOBER 22**  
How to Keep Things From Disappearing, Dennis Klimcuk, University of Western Ontario; Making a New Law of Nature: The Case of "Scale-Free" Networks, Evelyn Fox Keller, Massachusetts Institute of Technology. 2:30 to 5:30 p.m. 149 Earth Sciences Centre.

**SATURDAY, OCTOBER 23**  
Other Kinds of Persons: Some Disciplinary and Indisciplined Reflections on the Denomination and Translation of Spirits and Deity, Michael Lambek, U of T; Why Philosophy is Afraid of History, Arnold Davidson, University of Chicago; On Settling Accounts With Physical Science, Melissa Franklin, Harvard University; Back to Descartes — With a Real but Insubstantial Distinction Between Mind and Body, Ian Hacking, U of T. 9:30 a.m. to 5 p.m. 1170 Bahen Centre for Information Technology. Registration: [suzanne.puckering@utoronto.ca](mailto:suzanne.puckering@utoronto.ca).

*Philosophy, History & Philosophy of Science & Technology, Arts & Science and Office of the Provost*

## MUSIC

### Wind Ensemble.

**THURSDAY, OCTOBER 14**  
Agnes Grossmann, conductor. MacMillan Theatre. 8 p.m. Tickets \$13, students and seniors \$7.

### U of T Symphony Orchestra.

**FRIDAY, OCTOBER 15**  
Raffi Armenian, conductor. MacMillan Theatre. 8 p.m. Tickets \$17, students and seniors \$9.

### Symphonic Band.

**SATURDAY, OCTOBER 16**  
Gregory Burton, conductor. MacMillan Theatre. 8 p.m. Tickets \$13, students and seniors \$7.

### Opera Tea.

**SUNDAY, OCTOBER 17**  
An afternoon of opera and tea on the theatre stage: Gilbert and Sullivan, *The Pirates of Penzance*. MacMillan Theatre. 2:30 p.m. Tickets \$26.

### Voice Performance Class.

**TUESDAY, OCTOBER 19 AND OCTOBER 26**  
Student performances. Walter Hall. 12:10 p.m.

### Jazz Concert.

**WEDNESDAY, OCTOBER 20**  
Small Jazz Ensembles. Walter Hall. 8 p.m.

### Thursdays at Noon.

**THURSDAY, OCTOBER 21**  
Symposium on Savitri and Gianni Schicchi; chaired by Iain Scott, with excerpts performed by members of the cast. Walter Hall. 12:10 p.m.

### Faculty Artist Series.

**FRIDAY, OCTOBER 22**

James Parker, piano. Walter Hall. 8 p.m. Tickets \$21, students and seniors \$11.

### Choirs in Concert.

**SATURDAY, OCTOBER 23**  
Raise the song: the MacMillan Singers and University Women's Chorus, Doreen Rao and Robert Cooper, conductors. 8 p.m. St. Basil's Church. Tickets \$13, students and seniors \$7.

## PLAYS & READINGS

### U of T Bookstore Series.

**THURSDAY, OCTOBER 14**  
Solving life's mysteries: Alexander McCall Smith brings the first book of a new series *The Sunday Philosophy Club*. Chapel, Old Victoria College. 7:30 p.m.

### FRIDAY, OCTOBER 15

Unique voices: Erika Ritter brings her new book *The Great Big Book of Guys: Alphabetical Encounters With Men* and Margaret Wente, her new collection of columns *An Accidental Canadian*. Chapel, Old Victoria College. 7:30 p.m.

### SUNDAY, OCTOBER 17

Our nation's marred past: Roy Miki brings his new book *Redress: Inside the Japanese Canadian Call for Justice*. Debates Room, Hart House. 7:30 p.m.

### TUESDAY, OCTOBER 19

Eat, drink and be merry: Geoff Heinrichs discusses his new book *A Fool and Forty Acres: Conjuring a Vineyard Three Thousand Miles From Burgundy* and Gina Mallet, her new book *Last Chance to Eat: The Fate of Taste in a Fast Food World*. Library, Hart House. 7:30 p.m.

### THURSDAY, OCTOBER 21

Reinventing the Cold War: Mel Hurtig brings his new book *Rushing to Armageddon: Canada and America's Star Wars*. Chapel, Old Victoria College. 7:30 p.m.

### TUESDAY, OCTOBER 26

Hear her roar: Sheila Copps brings her new book *Worth Fighting For*. Chapel, Old Victoria College. 7:30 p.m.

## EXHIBITIONS

### BLACKWOOD GALLERY U OF T AT MISSISSAUGA

#### The Altered Landscape.

**TO OCTOBER 17**  
Photographs of the landscape as altered by human intervention; drawn from the Carl Franc Buck Collection of the Nevada Museum of Art. Gallery hours: Monday to Friday, 11 a.m. to 5 p.m.; Sunday, 1 to 6 p.m.

### DORIS MCCARTHY GALLERY U OF T AT SCARBOROUGH

#### Constructive Folly.

**TO OCTOBER 24**  
Sculpture, video, photography and drawing featuring Toronto artists Adrian Blackwell, James Carl, Phillip Grauer, Daniel Borins & Jennifer Marman, Galen Kuellmer, Olia Mishchenko and Lyla Rye. Gallery hours: Tuesday to Friday, 10 a.m. to 4 p.m.; Sunday, noon to 5 p.m.

### JUSTINA M. BARNICKE GALLERY HART HOUSE

#### Chrysalis.

**TO NOVEMBER 4**  
Suzy Lake, black & white and colour photographs focusing on issues surrounding the politics of the body. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

### ERIC ARTHUR GALLERY FACULTY OF ARCHITECTURE, LANDSCAPE & DESIGN

#### Maple Leaf Gardens: From Hockey Heaven to Superstore.

**TO DECEMBER 14**  
The first space includes reproductions of original architectural drawings, construction photographs and hockey memorabilia; the second recalls the great interior and ice arena along with six proposals from 1999 to 2004 for reuse of the building; the third features the current project by Loblaw's Property Limited. Gallery hours: Monday to Friday, 9 a.m. to 5 p.m.; Saturday, noon to 5 p.m.

### THOMAS FISHER RARE BOOK LIBRARY

#### NOW and the '80s: A Photographic Exhibition.

**TO DECEMBER 21**  
Exhibition features original photographs used in *NOW Magazine*, focusing of the 1980s. Hours: Monday to Friday, 9 a.m. to 5 p.m.

### U OF T ART CENTRE Picasso and Ceramics.

**TO JANUARY 23**  
Exhibition features 80 unique pieces by Picasso as well as examples of historic pottery that inspired his work. Posters designed by Picasso for the annual Vallauris potters exhibitions, preparatory sketches and photographs of the artist working in clay complete the exhibition; jointly realized by Musée des beaux-arts du Québec and the Gardiner Museum in partnership with the U of T Art Centre with the support of Desjardins Group. Hours: Tuesday to Sunday 10 a.m. to 6 p.m.; Friday, 10 a.m. to 9 p.m. Tickets \$16, students and seniors \$12 (U of T students free), children \$10, children four and under free; available at 416-872-1212, 1-800-461-3333, [www.ticketking.com](http://www.ticketking.com), also available at the door.



## MISCELLANY

### University College Book Sale.

**FRIDAY, OCTOBER 15 TO TUESDAY, OCTOBER 19**  
Thousands of book, fiction and non-fiction, mostly used and some new; proceeds to support the University College Library. East and West Halls. Friday, noon to 8 p.m. (admission \$3, students free with ID); Saturday, 10 a.m. to 6 p.m.; Sunday, Monday and Tuesday, noon to 8 p.m.

### Trinity College Book Sale.

**FRIDAY, OCTOBER 22 TO TUESDAY, OCTOBER 26**  
Some 100,00 books sorted into 60 academic and popular categories; proceeds to support Trinity College Library projects. Seeley Hall. Friday, 6 to 10 p.m. (admission \$40; Saturday, 10 a.m. to 8 p.m.; Sunday, noon to 8 p.m.; Monday and Tuesday, 10 a.m. to 8 p.m.

### A Tribute to Geoffrey Payzant.

**SATURDAY, OCTOBER 23**  
Prof. Frank Cunningham, principal of Innis College, will host a tribute to Prof. Em. Geoffrey Payzant of philosophy, founding registrar of Innis College, who died Aug. 31. A Geoffrey Payzant memorial scholarship for excellence in interdisciplinary studies has been established at the college. Innis College Town Hall. 1 to 3 p.m.

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# HARDENING OF THE CATEGORIES

Good health care means more than good hospitals

By Roy Romanow

ONE OF THE KEY POINTS THAT I MADE IN MY [ROYAL COMMISSION] REPORT IS THAT WE have to set a national goal of making Canadians the healthiest people in the world. One of the keys to achieving this goal is a greater emphasis on preventative health measures and improving population health outcomes.

Although I referenced this in my report, I will be the first to admit that even if all of my 47 recommendations were to be adopted, and even if they were to be implemented the way I would want them to be, it will only take us part way towards this goal.

A healthcare system — even the best healthcare system in the world — will only be one of the ingredients that determine whether your life will be long or short, healthy or sick, full of fulfillment or empty with despair.

If we want Canadians to be the healthiest people in the world, we have to connect all of the dots that will take us there. To connect the dots, we have to know where they are.

The main “determinants,” as the experts call them — things like income, early childhood development and care, housing, clean air and water — that will likely shape your health and lifespan are the ones that affect society as a whole. And if we want Canadians to be the healthiest people in the world we have to deal with them at that level.

Sometimes I feel we suffer from a “hardening of the categories.” Where we might make some great gains on one determinant of health, say, the provision of universally available early learning and care programs, but do poorly on income distribution or income security issues, thus wiping out the health gains from early childhood policy.

We need to start with a change in government attitude. Governments have to view the decisions they make through the prism of will it invest in the well-being of our society — in our health and overall quality of life — or will it diminish those things? I would hope that the new health council uses this prism to comment on policies outside of the traditional healthcare box.

I would add that what we count and measure determines what we can be held accountable for. As I said in my report, Canadians are demanding new levels of accountability — which is why I proposed that we amend the Canada Health Act to include “accountability” as a new core principle.

GDP counts all economic activity as a gain. It makes no distinction between activity that brings benefits and activity that causes harm. Crime, pollution, accidents, sickness, natural disasters and war — all make the GDP go up simply because money is being spent on prisons, lawyers, doctors, drugs, hospitals, pollution cleanup and weapons. Cigarette sales, for example, boost Canada's GDP by \$10 billion a year. Fast food sales contribute another \$12 billion. Medical treatments for smoking and obesity-related illnesses chip in \$6 billion. If the GDP were calculated by accountants instead of economists, these would all be treated as liabilities instead of assets.

We need new measuring tools to track changes in the key factors that affect our well-being and quality of life.

Fortunately, there are many people across the country now engaged in developing new indices — far more accurate indices than the GDP — for measuring our quality of life and well-being. There is a major project that has brought together most of Canada's key leaders in this area, along with Stats Can, to create a Canadian index of well-being.

Well, it was with these kinds of reflections — a growing sense of frustration about the clock ticking regarding necessary reforms and a personal interest in spending more time on the determinants of health issues and less on the illness system — that I approached the recent first ministers meeting on the future of health care.

So was [it] a successful meeting? Unequivocally — maybe!

The public certainly had high expectations for significant progress towards fixing health

THE FOLLOWING IS AN EXCERPT FROM A SPEECH GIVEN SEPT. 30 AT THE BENNETT LECTURE HALL BY ROY ROMANOW, ROYAL COMMISSIONER ON THE FUTURE OF HEALTH CARE IN CANADA. THE LECTURE WAS PART OF A HEALTH LAW SEMINAR SERIES ORGANIZED BY THE FACULTIES OF LAW AND MEDICINE.

care in Canada “for a generation” when the first ministers met in Ottawa a few weeks ago.

On balance, I think progress was made — in spite of a process that suffered from a perceived lack of preparation and a real lack of transparency.

On the positive side, however, money should no longer be an excuse for lack of progress on the necessary reforms. The federal government is back as a full partner in medicare, at least from a monetary perspective. As well, there was a good deal of informed discussion among the first ministers regarding the determinants of health.

There was some advancement on the aboriginal health front but this remains a blight on our nation. I just came here after two days on a Six Nations reserve. Believe me, we must act.

And there was some progress on accountability with commitments to standards, and indicators and public reporting on progress. Key to this aspect of the deal is ensuring that the Health Council of Canada, which some premiers didn't want in the first place, is an effective and well-funded mechanism for reporting progress to Canadians on what their money is getting regarding healthcare reforms. But the reporting process seems confusing — wait lists to the Canadian Institute for Health Information; some performance measurements to the health council; and each jurisdiction reports directly to its own voters. Keep in mind medicare is supposed to be a shared responsibility between the two serving levels of government.

Although symbolic, the televised signing of all the participants noting their affirmation to commit to the accountability provisions and all the other aspects of the agreement should serve as a kind of a covenant to the Canadian public that, this time, we are truly on the road to reform and sustainability for medicare.

I didn't expect everything required to “fix health care for a generation” to be accomplished. And it wasn't.

For example, the deafening silence around any public discussion about private delivery of health care, which is really a fundamental debate about Canadian values and vision, was extremely disappointing. Sooner rather than later, this discussion must come out from the shadows.

And I still believe there is a need for stronger consequences for non-compliance or poor progress when a province doesn't perform, than simply, “The voters will decide.”

So, I still believe that the commission's recommendation to entrench accountability as the sixth principle of the Canada Health Act is the ultimate safeguard. The

health council, along with key national groups with resources that can help track changes, progress, or lack thereof, is more important than ever.

Finally, what are the implications of the “asymmetrical” deal for Quebec? Will the Canada Health Act apply in Quebec? In fact, the CHA is not mentioned in the communiqué. Are the conditions so porous and general that a future Quebec government could reinterpret them? Is this a precedent for other important pan-Canadian programs? Is this arrangement available to other provinces, who next might seek a similar agreement? And does this represent the beginning of the significant weakening of the ties that bind our country together?

For medicare has been both the glue of our federation and the prism through which we can examine whether or not our nation is getting weaker or stronger. All of these questions need careful study by constitutional scholars, here and elsewhere.

But, for now, the hard part regarding the medicare file begins anew — taking the new money and putting it to work to ensure an integrated basket of reforms that transforms, improves, renews and preserves our most cherished social program.

For my part, I am hopeful that we are now on the road to real progress in health care and the health of our country — and a more unified country at that. Only time will tell.



JACQUI OAKLEY